

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135210.D
 Acq On : 13 Sep 2023 07:07
 Operator : CG\JU
 Sample : 04334-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 359

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135210.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	5	9	15	rBV	36357	48049	1.71%	0.152%
2	5.004	492	496	505	rVB	78752	104253	3.72%	0.331%
3	5.399	558	563	566	rBV	2725070	2612865	93.21%	8.285%
4	6.404	729	734	737	rBV	2426897	2666845	95.13%	8.456%
5	6.763	791	795	798	rBV	853007	657484	23.45%	2.085%
6	7.328	886	891	894	rBV	1935619	1700933	60.68%	5.393%
7	8.040	1008	1012	1018	rBV	1037726	871735	31.10%	2.764%
8	9.122	1190	1196	1199	rBV	3240069	2803292	100.00%	8.888%
9	9.239	1211	1216	1219	rVB3	41777	43409	1.55%	0.138%
10	9.457	1249	1253	1255	rBV	42028	38625	1.38%	0.122%
11	9.657	1284	1287	1291	rVB	53039	41839	1.49%	0.133%
12	9.798	1305	1311	1314	rBV	1124120	909281	32.44%	2.883%
13	9.828	1314	1316	1320	rVB	78122	64568	2.30%	0.205%
14	10.004	1342	1346	1350	rBV	53895	53934	1.92%	0.171%
15	10.345	1401	1404	1410	rVB	88122	81195	2.90%	0.257%
16	10.592	1441	1446	1449	rBV	1787701	1628802	58.10%	5.164%
17	10.716	1463	1467	1471	rBV4	38388	48694	1.74%	0.154%
18	10.898	1493	1498	1500	rBV3	35145	40041	1.43%	0.127%
19	11.092	1528	1531	1535	rVB	69895	67100	2.39%	0.213%
20	11.186	1544	1547	1551	rVB	78894	78538	2.80%	0.249%
21	11.286	1561	1564	1566	rBV	879922	804797	28.71%	2.552%
22	11.310	1566	1568	1572	rVV	850112	760839	27.14%	2.412%
23	11.363	1572	1577	1580	rVB	104332	102710	3.66%	0.326%
24	11.398	1580	1583	1586	rBV3	31339	34614	1.23%	0.110%
25	11.522	1599	1604	1611	rBV	74749	104286	3.72%	0.331%
26	11.586	1613	1615	1617	rBV	39580	33519	1.20%	0.106%
27	11.610	1617	1619	1620	rBV2	33684	32243	1.15%	0.102%
28	11.704	1629	1635	1640	rVB3	30901	58566	2.09%	0.186%
29	11.751	1640	1643	1646	rBV4	30069	38691	1.38%	0.123%
30	11.792	1646	1650	1653	rVV2	288020	301122	10.74%	0.955%
31	11.828	1653	1656	1660	rVV2	537106	568877	20.29%	1.804%
32	11.863	1660	1662	1666	rVV2	61315	82911	2.96%	0.263%
33	11.904	1666	1669	1671	rVV2	204999	207489	7.40%	0.658%
34	11.928	1671	1673	1679	rVB	112993	97598	3.48%	0.309%
35	12.028	1686	1690	1695	rVB2	1173119	1420280	50.66%	4.503%
36	12.092	1699	1701	1703	rVV	108080	108661	3.88%	0.345%

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37	12.122	1703	1706	1711	rVB2	163455	163597	5.84%	0.519%
38	12.269	1728	1731	1734	rBV2	54026	43449	1.55%	0.138%
39	12.322	1737	1740	1742	rBV	144440	120568	4.30%	0.382%
40	12.351	1742	1745	1748	rVV	110467	128770	4.59%	0.408%

41	12.404	1752	1754	1757	rVB	143350	102881	3.67%	0.326%
42	12.433	1757	1759	1762	rVB	94393	76062	2.71%	0.241%
43	12.469	1762	1765	1769	rBV2	108473	138776	4.95%	0.440%
44	12.510	1769	1772	1774	rVV	983008	814365	29.05%	2.582%
45	12.528	1774	1775	1778	rVB2	75106	57212	2.04%	0.181%

46	12.575	1780	1783	1784	rVV	82118	64292	2.29%	0.204%
47	12.598	1784	1787	1793	rVB3	567307	598883	21.36%	1.899%
48	12.704	1801	1805	1807	rBV	667181	676784	24.14%	2.146%
49	12.739	1807	1811	1814	rVV	784210	846290	30.19%	2.683%
50	12.786	1817	1819	1823	rVB3	131337	119150	4.25%	0.378%

51	12.822	1823	1825	1828	rVB	112520	93239	3.33%	0.296%
52	12.857	1828	1831	1832	rBV2	58061	46697	1.67%	0.148%
53	12.886	1832	1836	1839	rVB	2184945	1885635	67.27%	5.979%
54	12.963	1844	1849	1852	rBV3	72493	97822	3.49%	0.310%
55	13.022	1856	1859	1860	rBV2	29398	33812	1.21%	0.107%

56	13.045	1860	1863	1865	rBV3	45990	55781	1.99%	0.177%
57	13.069	1865	1867	1870	rVB	108687	89850	3.21%	0.285%
58	13.116	1870	1875	1876	rBV3	59367	73234	2.61%	0.232%
59	13.133	1876	1878	1881	rVB2	56477	47964	1.71%	0.152%
60	13.169	1881	1884	1887	rBV2	75710	89240	3.18%	0.283%

61	13.263	1897	1900	1903	rVB	65460	63263	2.26%	0.201%
62	13.298	1903	1906	1909	rBV	53959	50908	1.82%	0.161%
63	13.345	1911	1914	1918	rVB3	109194	93015	3.32%	0.295%
64	13.580	1951	1954	1958	rVB	86535	82084	2.93%	0.260%
65	13.692	1968	1973	1975	rBV2	106660	133338	4.76%	0.423%

66	13.716	1975	1977	1979	rVV	63515	53640	1.91%	0.170%
67	13.739	1979	1981	1983	rVV	46332	42493	1.52%	0.135%
68	13.792	1987	1990	1992	rBV	79646	67490	2.41%	0.214%
69	13.827	1992	1996	2000	rBV2	70247	110914	3.96%	0.352%
70	13.939	2008	2015	2018	rBV2	727111	1098540	39.19%	3.483%

71	13.969	2018	2020	2026	rVB	391089	357037	12.74%	1.132%
72	14.051	2031	2034	2036	rVB	40066	34260	1.22%	0.109%
73	14.333	2080	2082	2085	rVB	71901	58075	2.07%	0.184%
74	14.369	2085	2088	2092	rBV2	48804	71614	2.55%	0.227%
75	14.427	2092	2098	2100	rBV6	60908	100130	3.57%	0.317%

76	14.457	2100	2103	2105	rBV	84129	77572	2.77%	0.246%
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77	14.527	2113	2115	2121	rVB3	93416	145651	5.20%	0.462%
78	14.580	2121	2124	2129	rBV	326582	375802	13.41%	1.192%
79	14.627	2130	2132	2134	rBV	50495	48828	1.74%	0.155%
80	14.710	2143	2146	2152	rVB2	107796	215999	7.71%	0.685%
81	14.763	2153	2155	2158	rBV2	46567	45378	1.62%	0.144%
82	14.980	2188	2192	2195	rBV	316478	430563	15.36%	1.365%
83	15.063	2204	2206	2209	rBV2	35508	42607	1.52%	0.135%
84	15.086	2209	2210	2215	rVB2	50339	49896	1.78%	0.158%
85	15.286	2240	2244	2250	rVB	198859	258050	9.21%	0.818%
86	15.345	2250	2254	2260	rVV	260935	316749	11.30%	1.004%
87	15.410	2260	2265	2268	rVV	465669	569019	20.30%	1.804%
88	15.439	2268	2270	2281	rVB3	73411	117030	4.17%	0.371%
89	15.892	2343	2347	2351	rBV	57699	85134	3.04%	0.270%
90	16.698	2479	2484	2494	rVB5	58916	132240	4.72%	0.419%
91	16.880	2509	2515	2523	rVB2	109639	208519	7.44%	0.661%
92	17.121	2551	2556	2560	rBV3	25009	47325	1.69%	0.150%
93	17.321	2585	2590	2601	rVB2	82500	172360	6.15%	0.547%

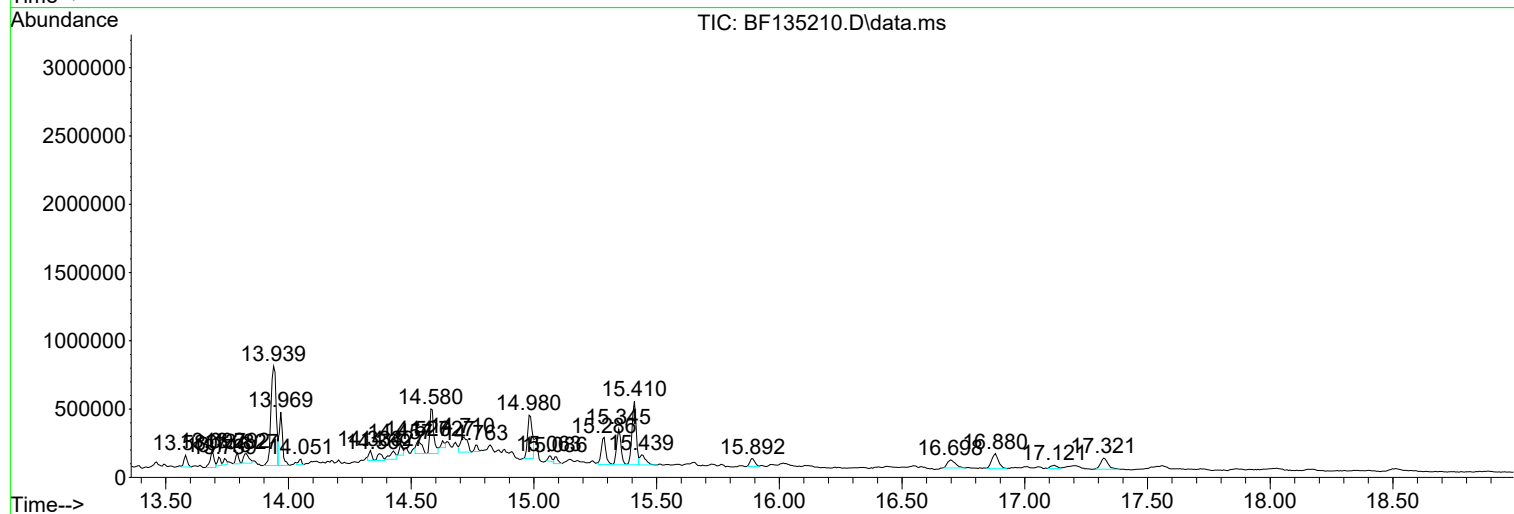
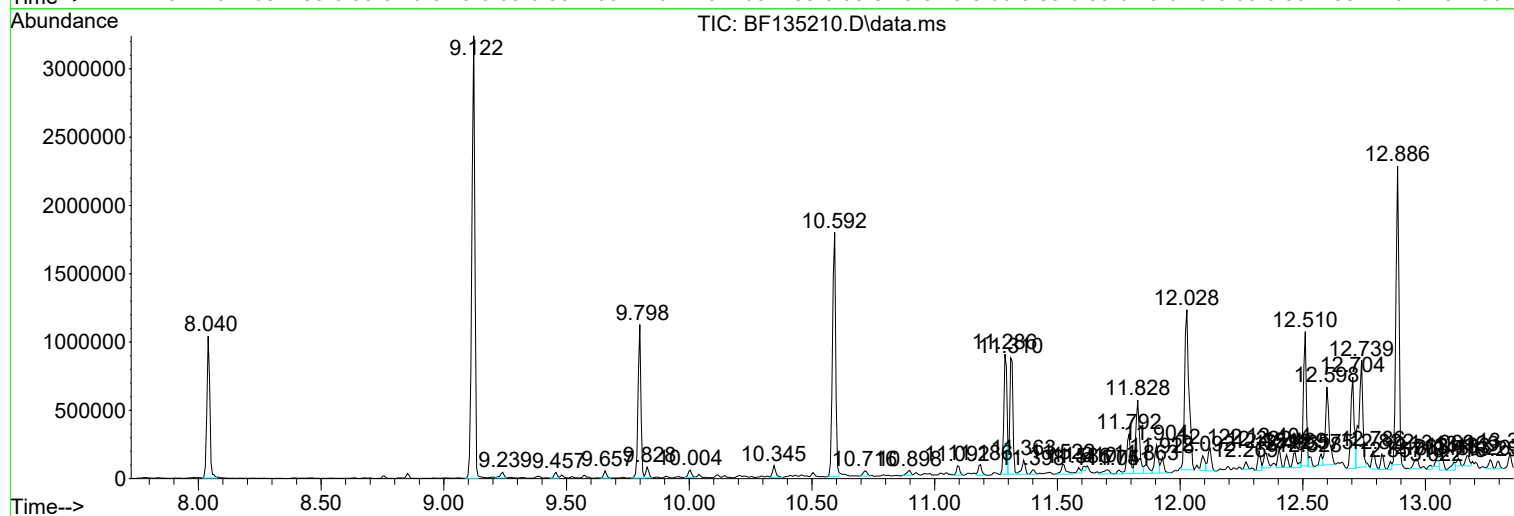
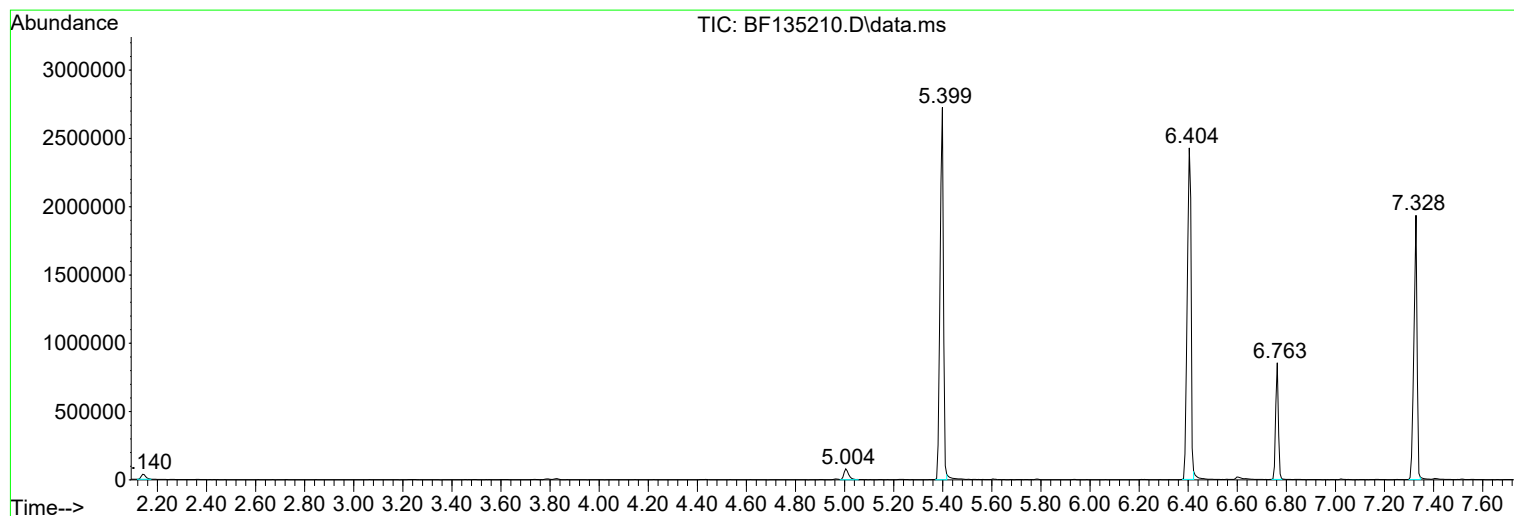
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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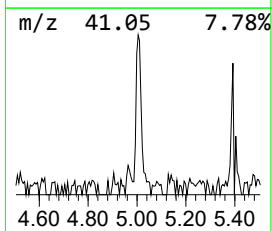
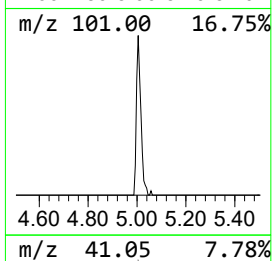
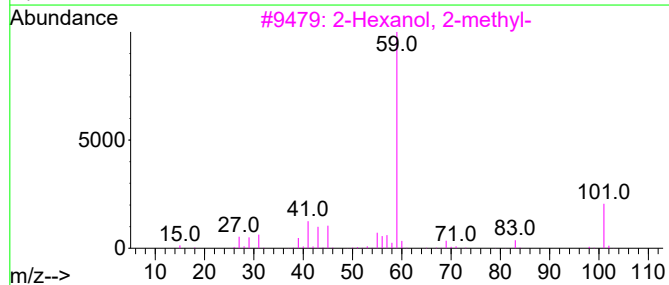
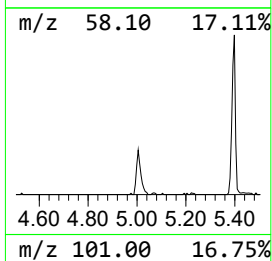
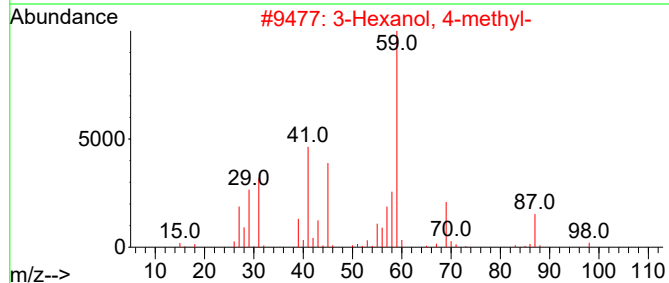
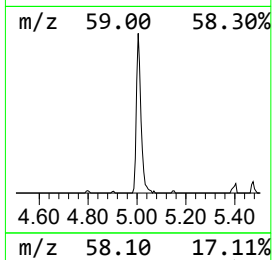
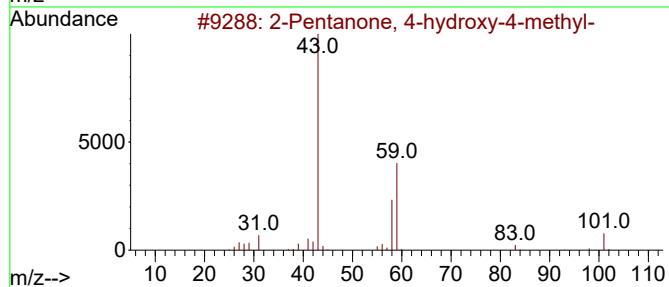
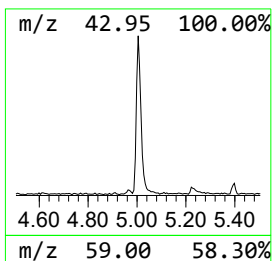
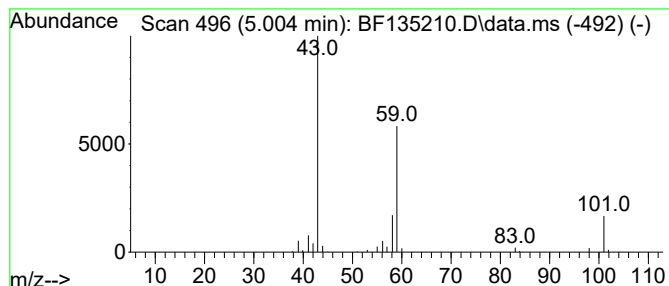
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	3.17 ng	104253	1,4-Dichlorobenzene-d4	6.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25	
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23	
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	



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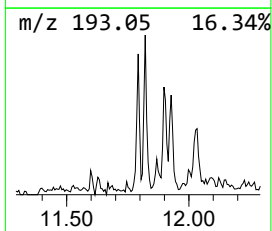
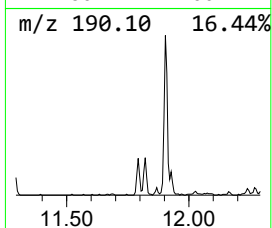
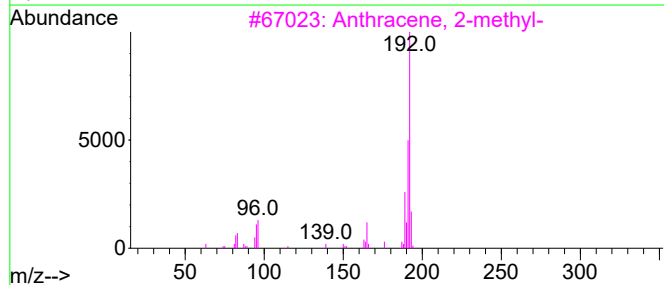
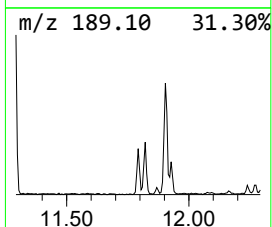
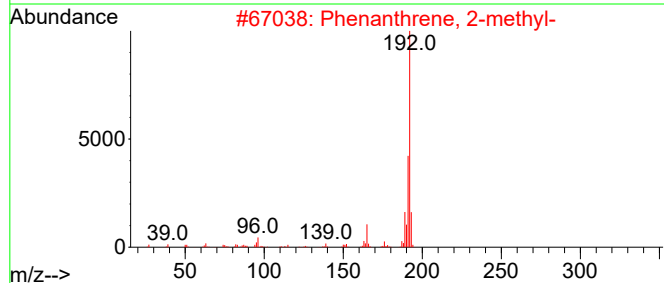
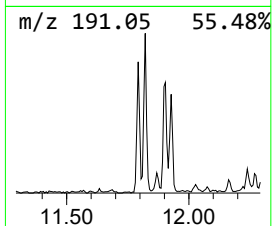
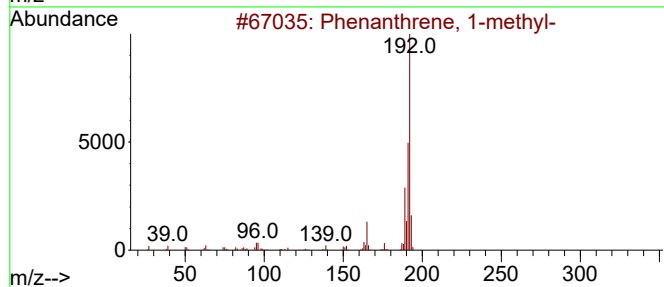
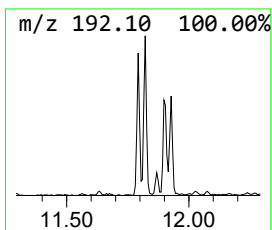
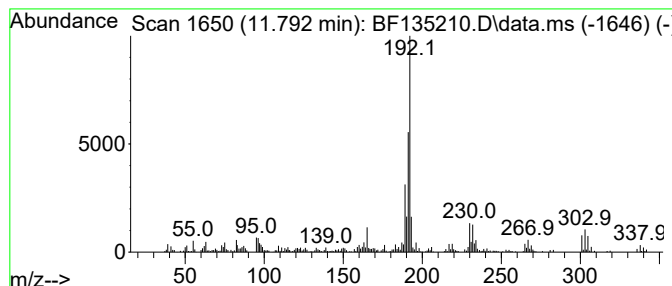
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	7.48 ng	301122	Phenanthrene-d10	11.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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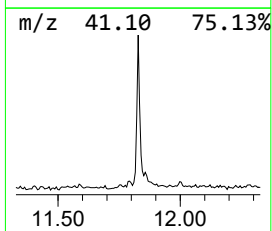
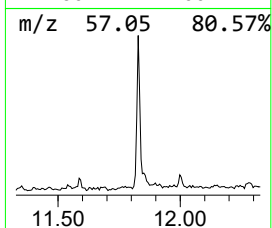
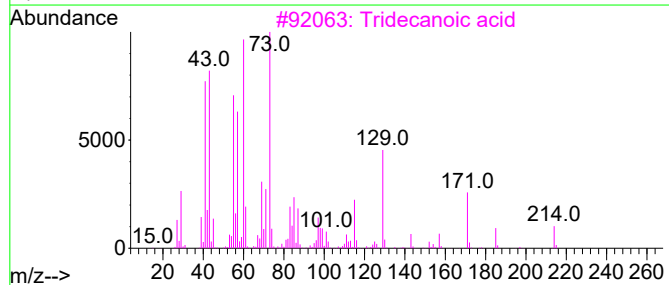
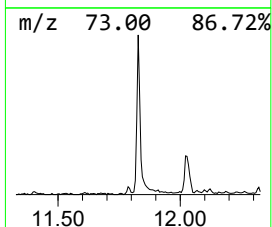
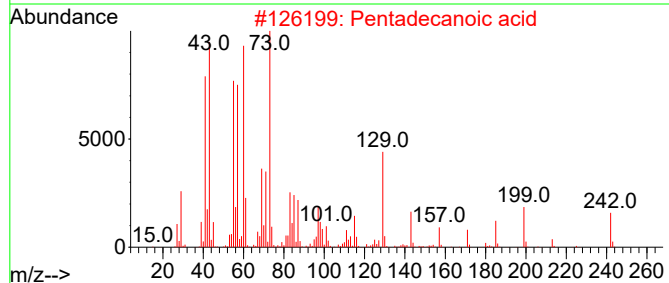
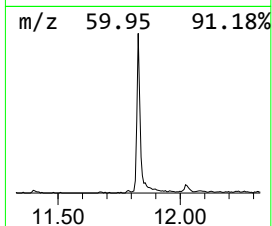
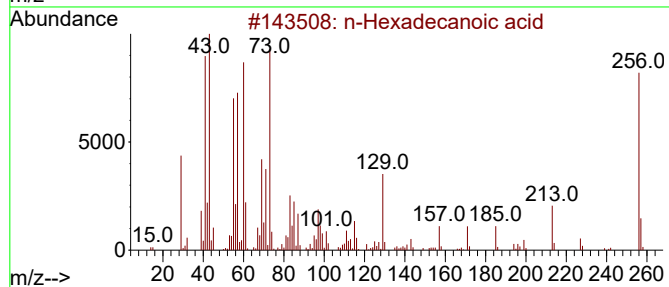
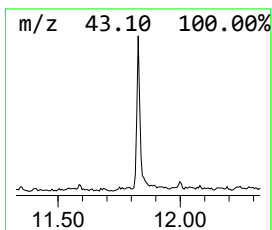
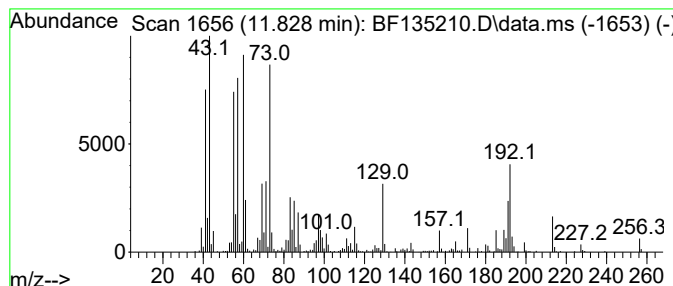
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	14.14 ng	568877	Phenanthrene-d10	11.286

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	55
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Dodecanoic acid	200	C12H24O2	000143-07-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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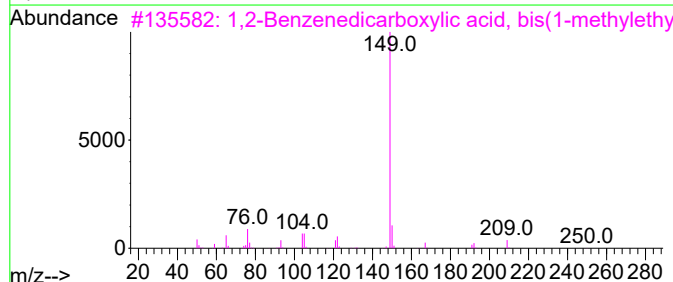
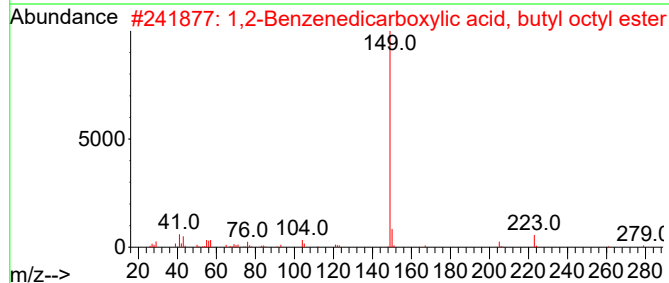
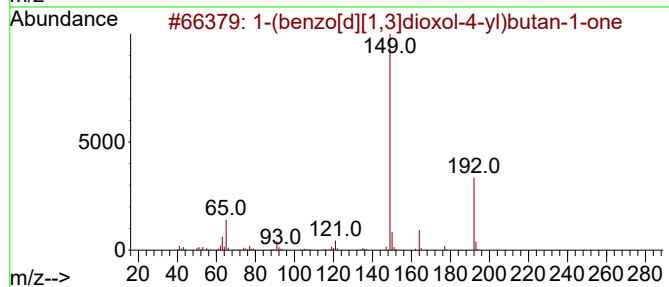
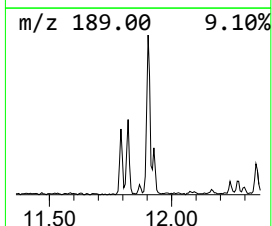
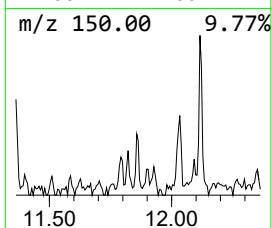
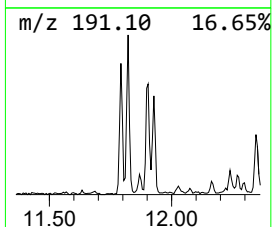
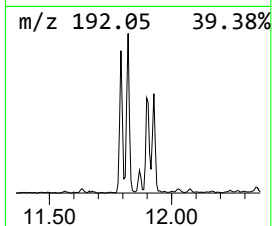
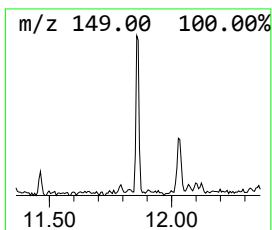
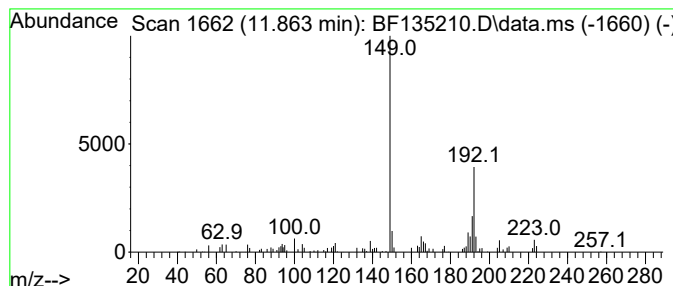
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-(benzo[d][1,3]dioxol-4-yl)... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	2.06 ng	82911	Phenanthrene-d10	11.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(benzo[d][1,3]dioxol-4-yl)buta...	192	C11H12O3	1000456-65-7	68		
2	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	47		
3	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	47		
4	Phthalic acid, 4-octyl propyl ester	320	C19H28O4	1000314-83-7	47		
5	Dibutyl phthalate	278	C16H22O4	000084-74-2	47		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

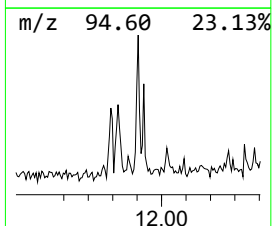
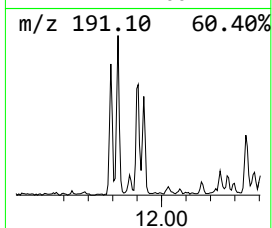
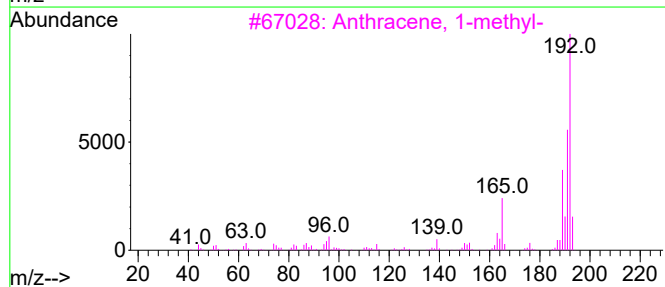
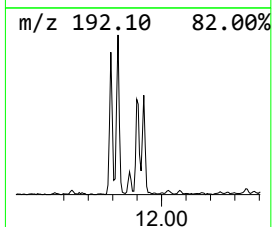
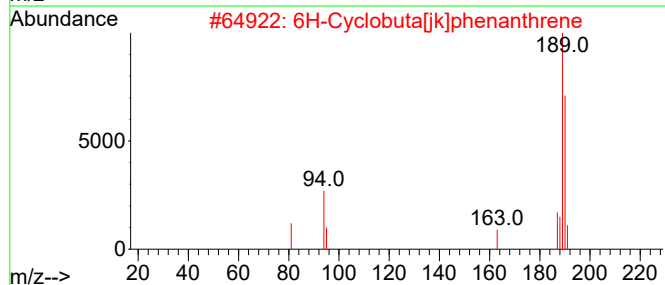
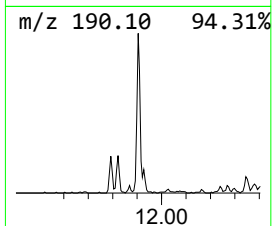
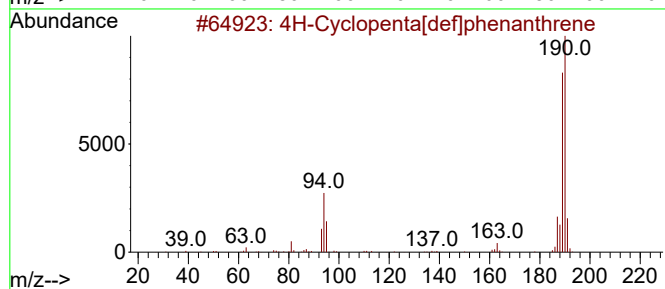
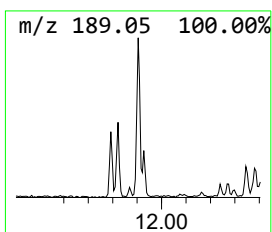
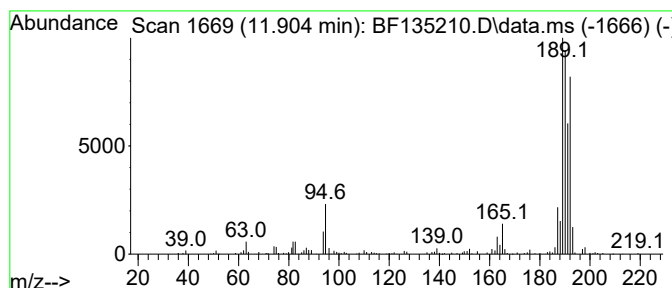
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.904	5.16 ng	207489	Phenanthrene-d10		11.286	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	49
3	Anthracene, 1-methyl-		192	C15H12	000610-48-0	42
4	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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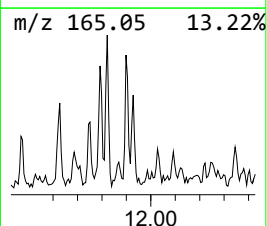
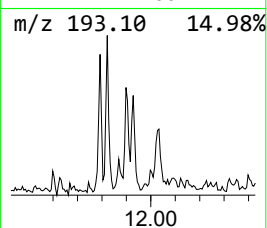
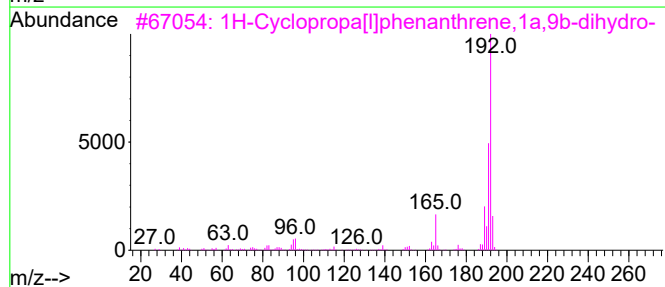
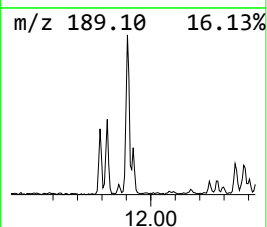
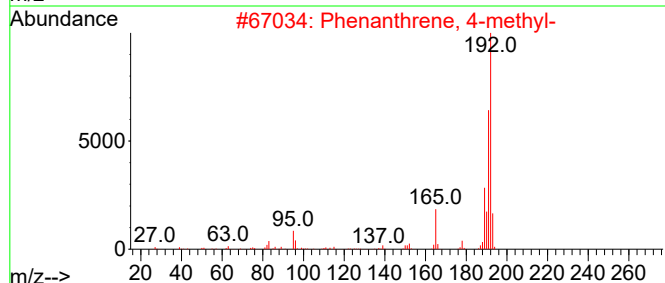
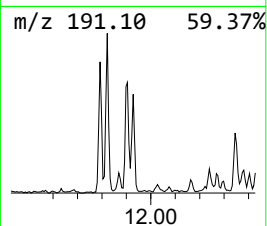
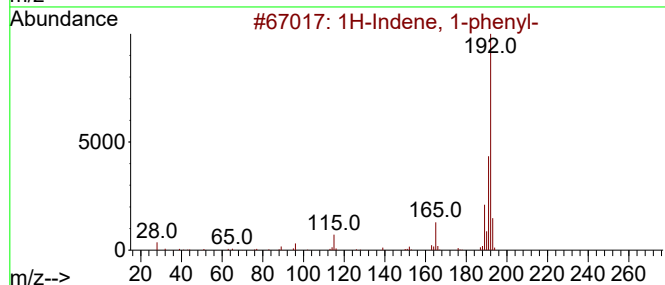
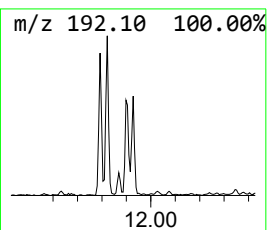
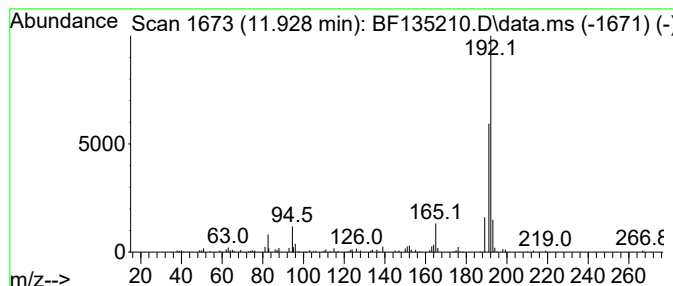
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1H-Indene, 1-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	2.43 ng	97598	Phenanthrene-d10	11.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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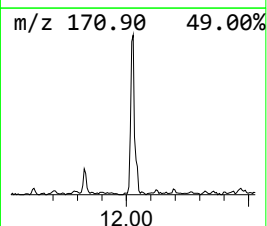
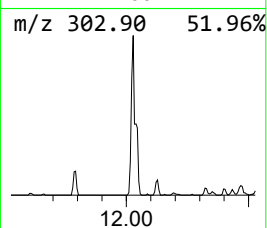
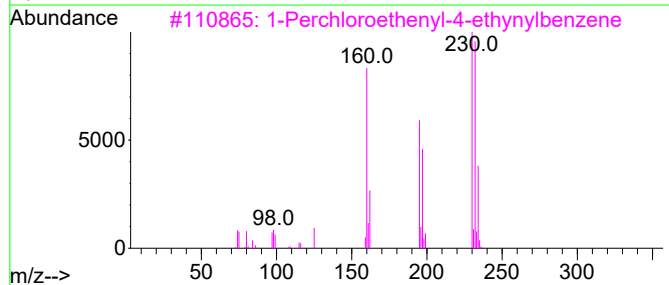
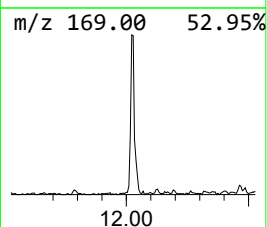
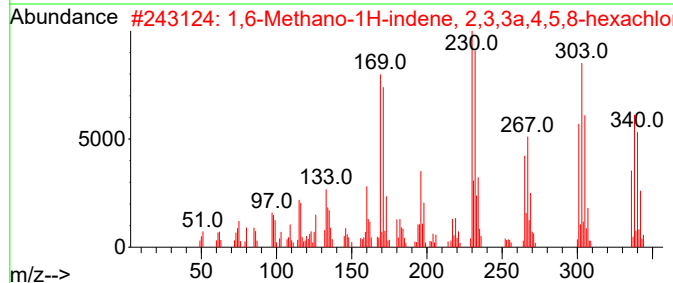
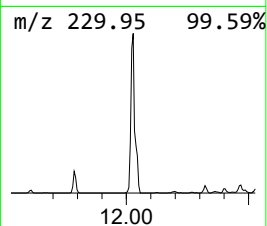
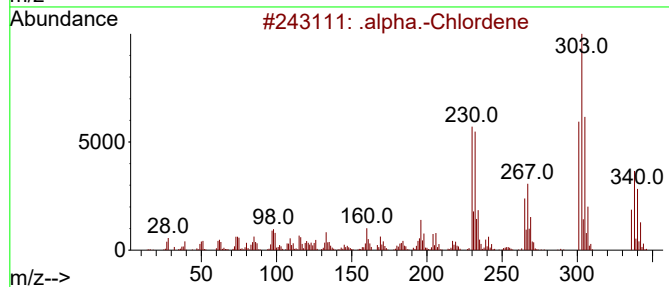
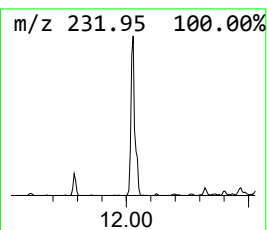
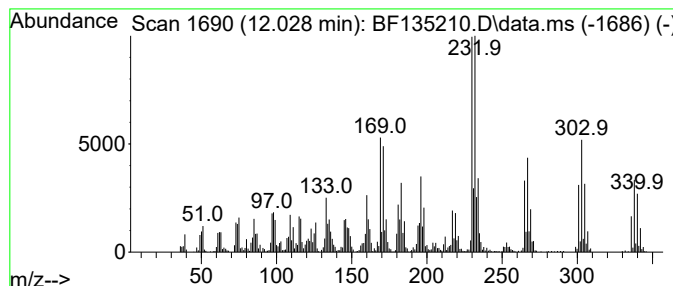
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 .alpha.-Chlordene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	35.30 ng	1420280	Phenanthrene-d10	11.286

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Chlordene	336	C10H6Cl6	056534-02-2	96
2		1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	96
3		1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	90
4		Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	50
5		Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
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Sample : 04334-02
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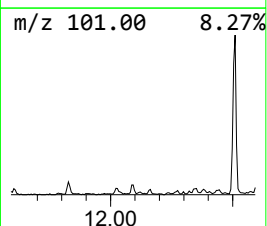
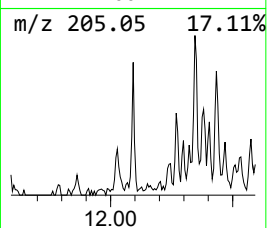
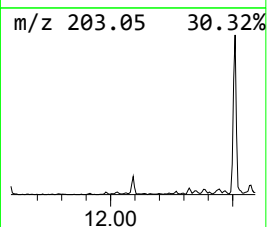
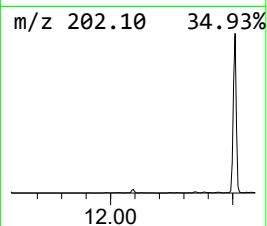
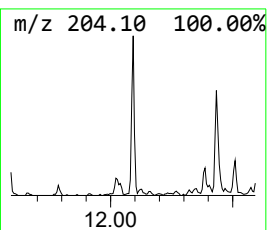
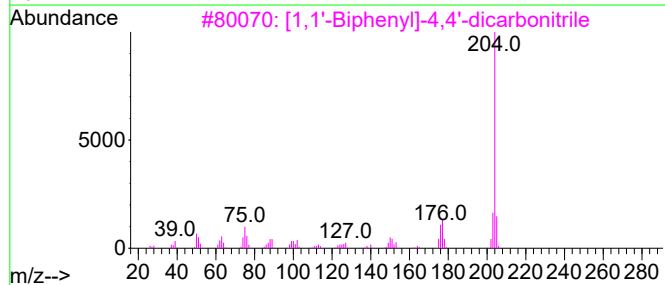
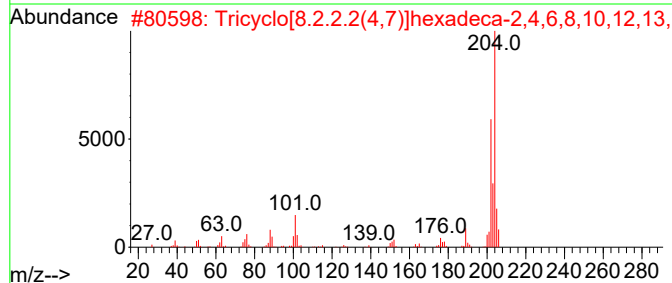
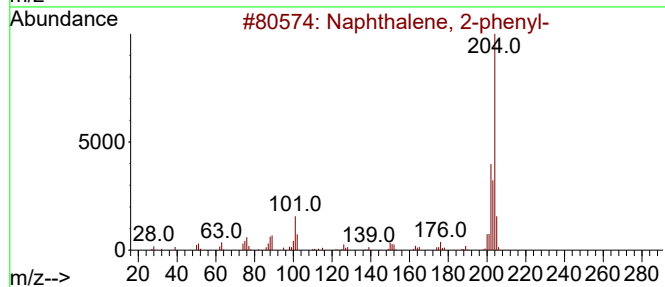
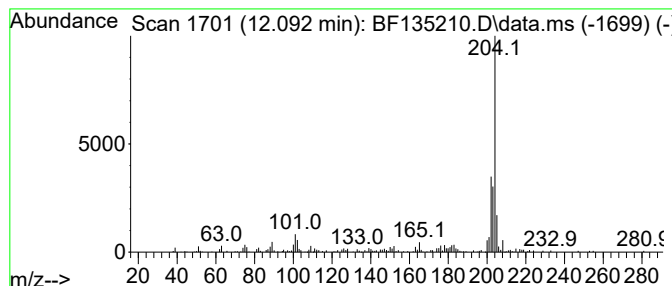
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	2.70 ng	108661	Phenanthrene-d10	11.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	58
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
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Acq On : 13 Sep 2023 07:07
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Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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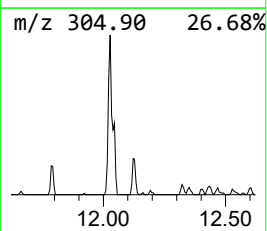
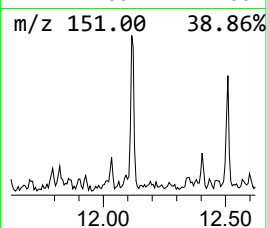
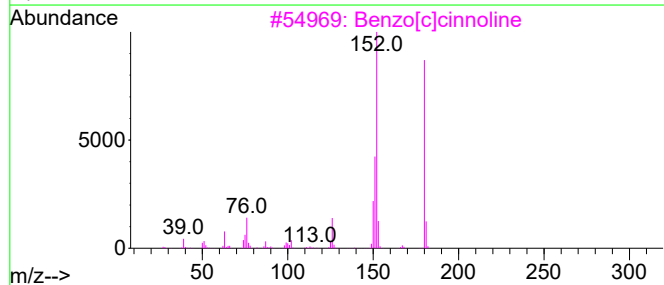
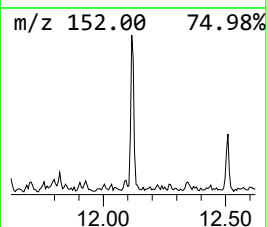
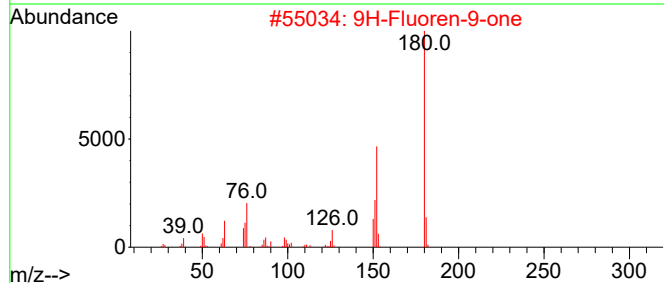
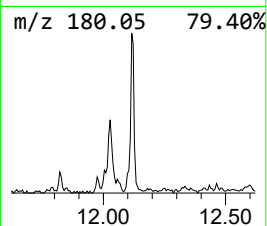
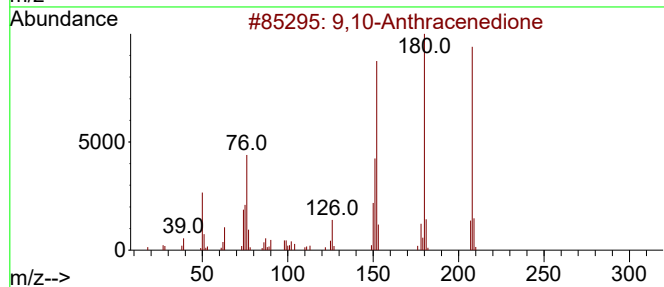
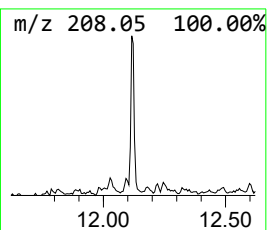
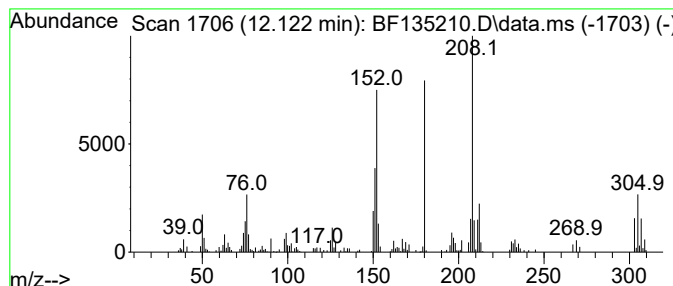
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	4.07 ng	163597	Phenanthrene-d10	11.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	78
3	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	78
4	2-(Dicyanomethylene)indene-1,3-d...			208	C12H4N2O2	016954-74-8	50
5	1,4-Anthracenedione			208	C14H8O2	000635-12-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
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Sample : 04334-02
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ALS Vial : 25 Sample Multiplier: 1

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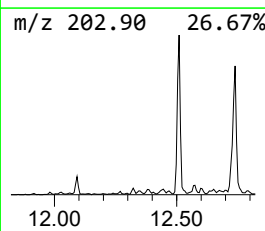
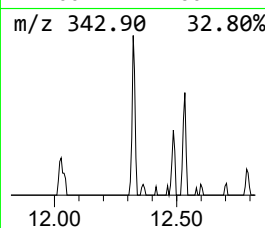
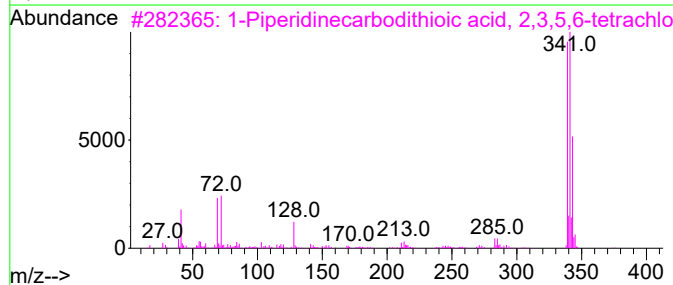
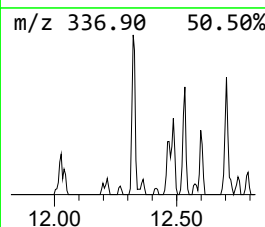
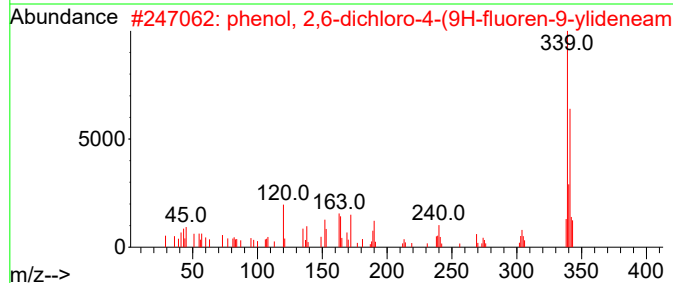
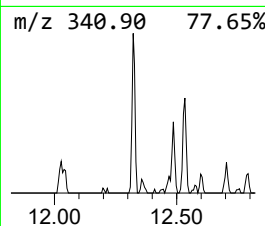
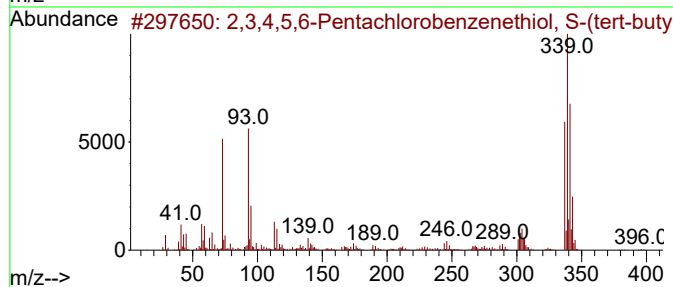
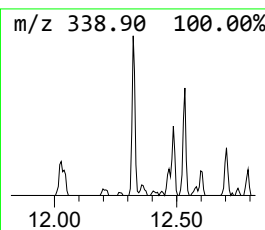
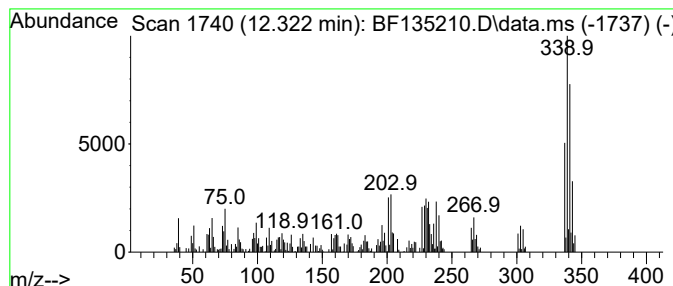
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown12.322 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.322	3.00 ng	120568	Phenanthrene-d10	11.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6-Pentachlorobenzenethio...	394	C12H15Cl5SSi	1000463-02-6	40		
2	phenol, 2,6-dichloro-4-(9H-fluor...	339	C19H11Cl2NO	1000398-17-7	38		
3	1-Piperidinecarbodithioic acid, ...	374	C11H10Cl4N2S2	1000305-28-9	38		
4	Bromopropylate	426	C17H16Br2O3	018181-80-1	27		
5	Benzene, 2-iodo-1,3,5-trinitro-	339	C6H2IN3O6	004436-27-5	14		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

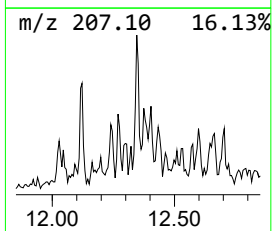
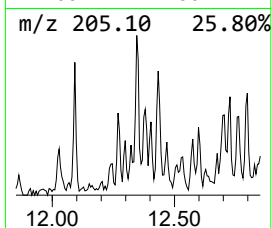
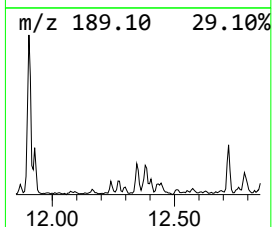
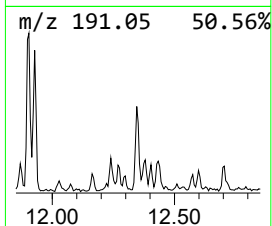
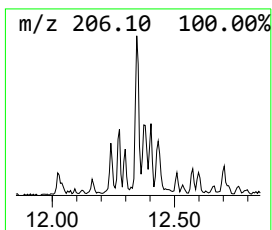
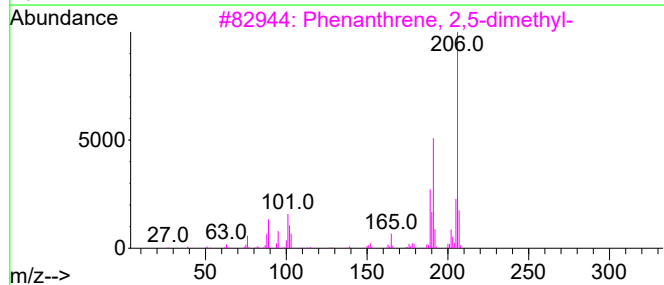
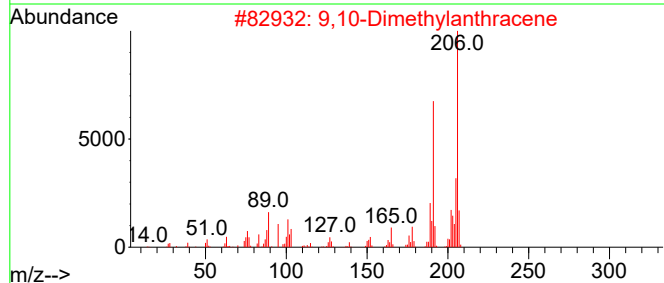
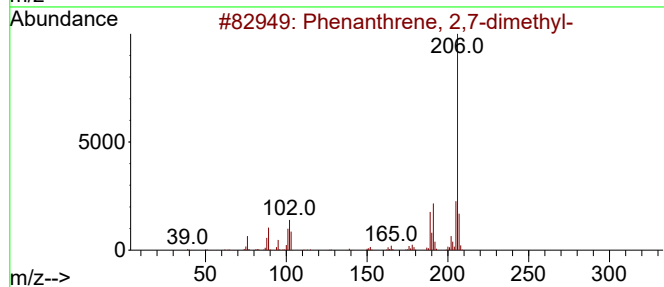
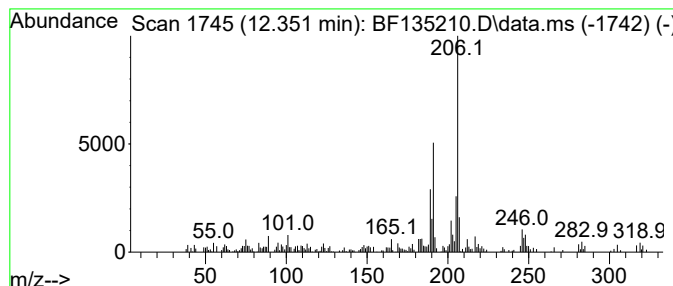
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.351	3.20 ng	128770	Phenanthrene-d10		11.286	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	81
2	9,10-Dimethylanthracene		206	C16H14	000781-43-1	76
3	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	74
4	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	72
5	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
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Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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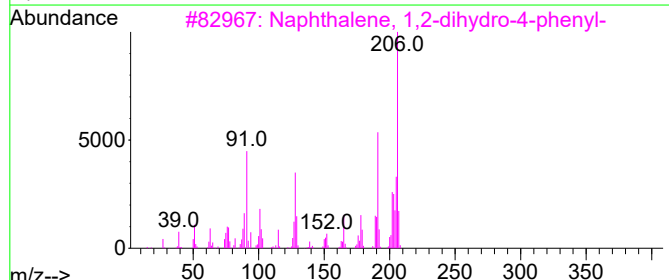
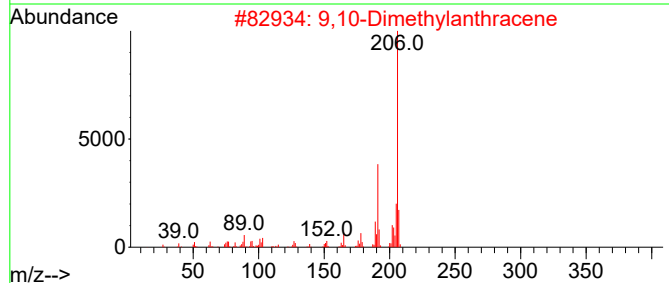
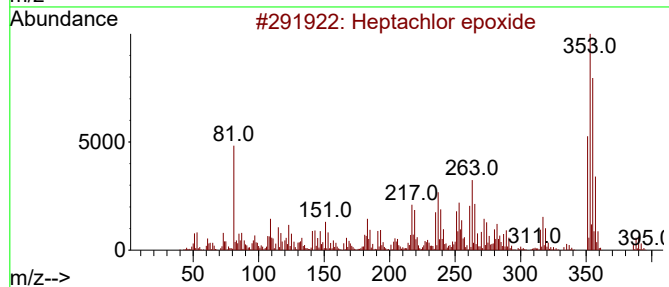
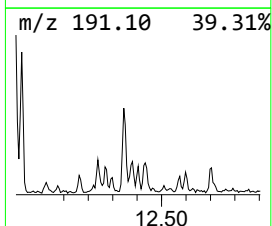
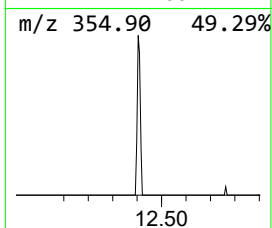
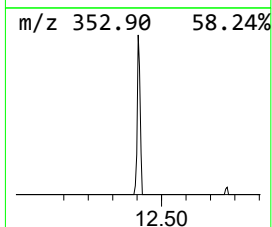
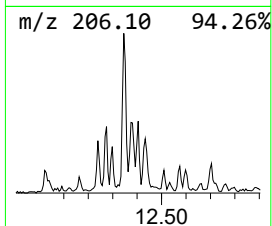
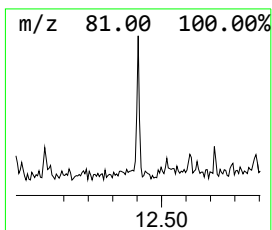
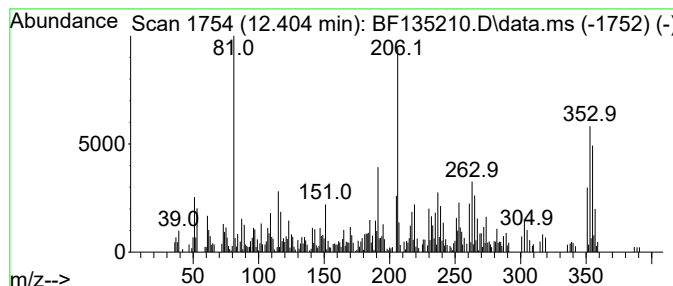
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptachlor epoxide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	2.56 ng	102881	Phenanthrene-d10	11.286

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptachlor epoxide	386	C10H5Cl7O	001024-57-3	60
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	56
3		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	53
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	45
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
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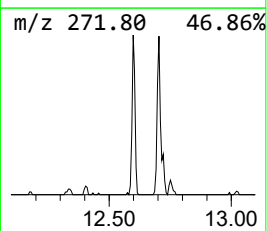
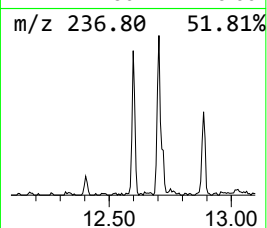
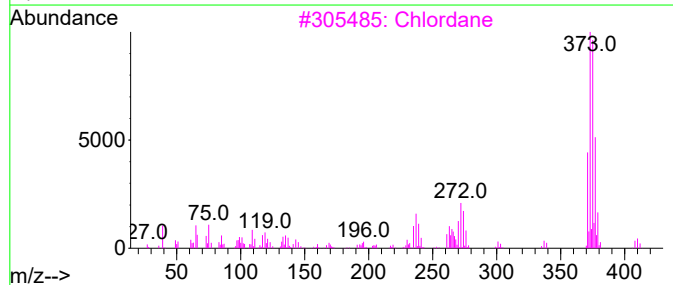
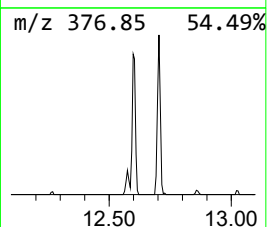
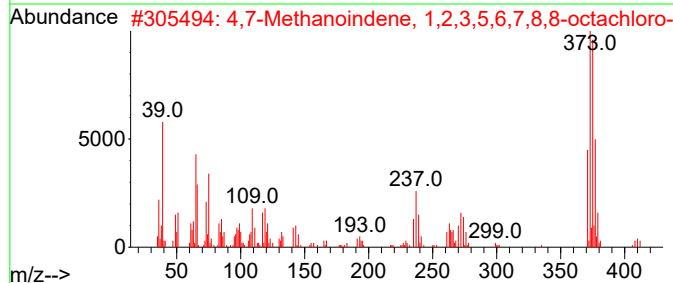
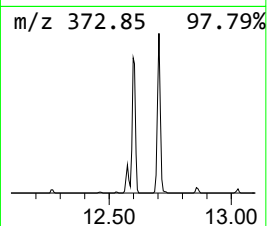
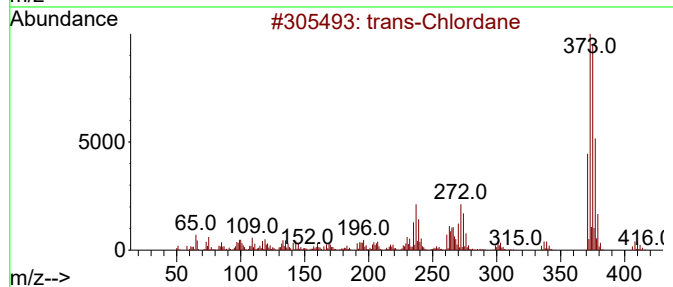
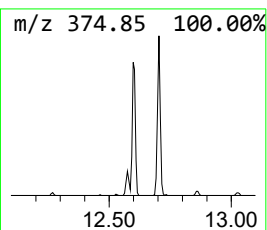
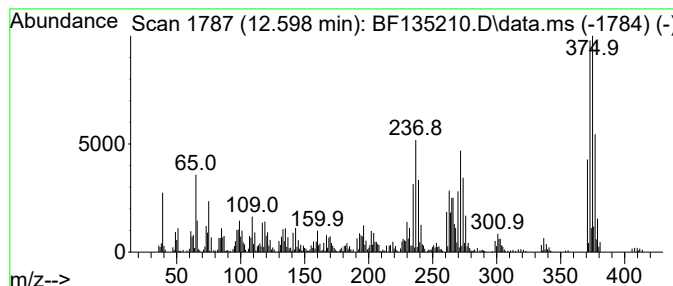
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 trans-Chlordane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	14.88 ng	598883	Phenanthrene-d10	11.286

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		trans-Chlordane	406	C10H6Cl8	005103-74-2	98
2		4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	93
3		Chlordane	406	C10H6Cl8	000057-74-9	91
4		cis-Chlordane	406	C10H6Cl8	005103-71-9	90
5		Monomethyltetrachloroterephthala...	388	C12H12Cl4O4Si	1000485-37-8	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
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Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

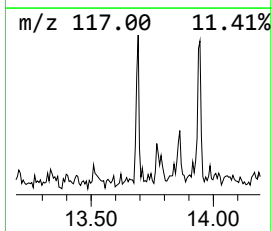
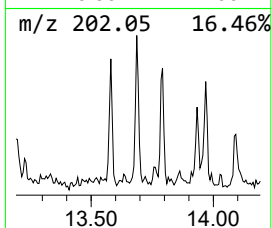
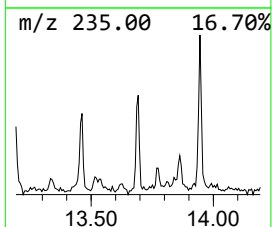
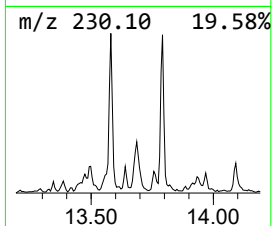
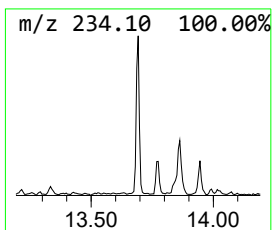
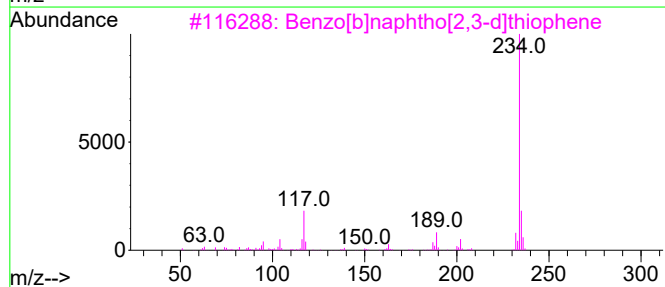
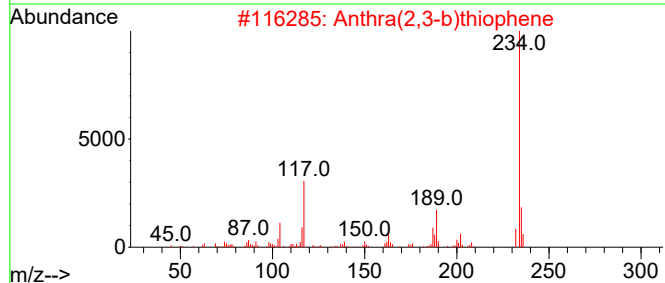
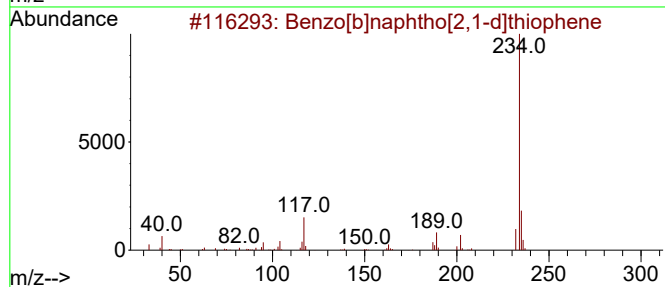
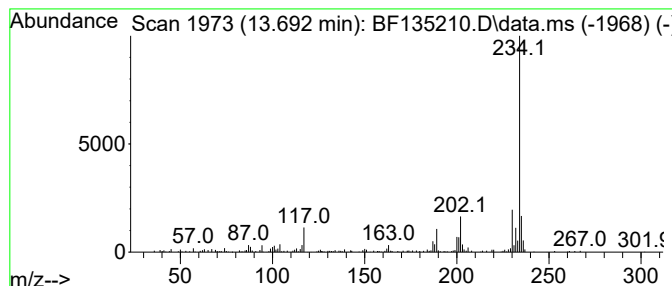
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.692	2.43 ng	133338	Chrysene-d12	13.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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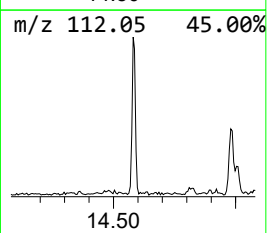
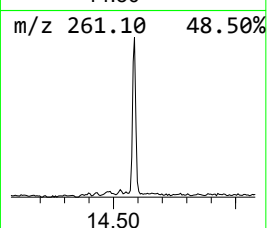
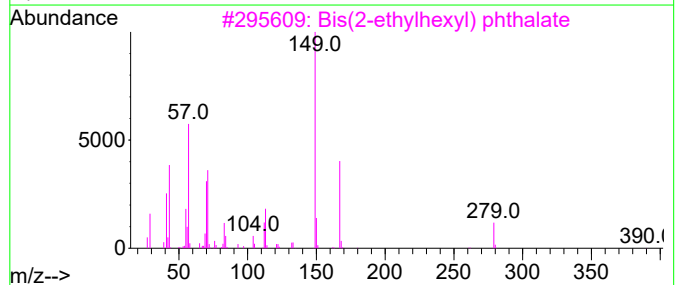
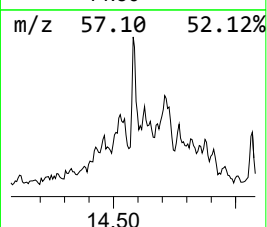
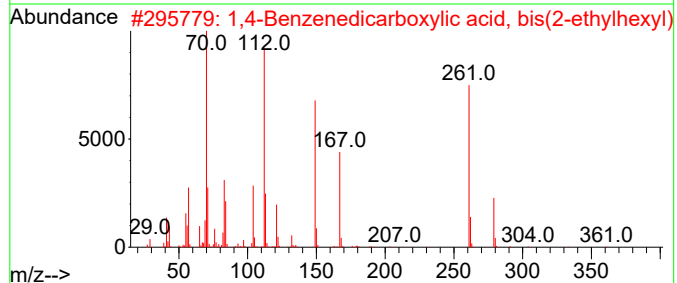
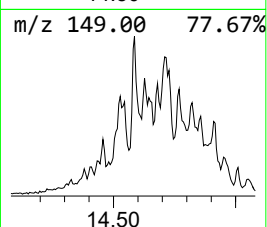
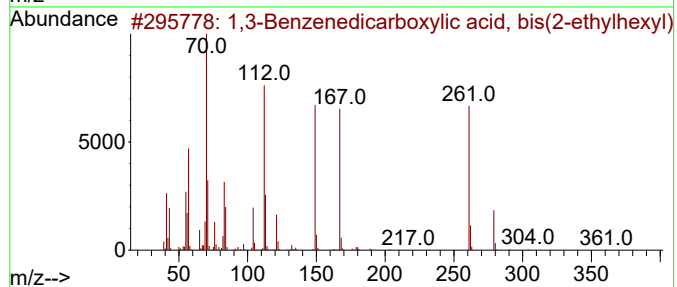
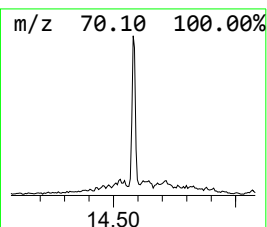
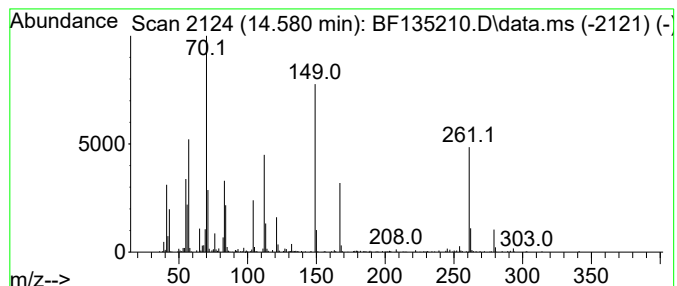
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown14.580 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.580	6.84 ng	375802	Chrysene-d12	13.945

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
2		1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	49
3		Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	38
4		2-Pyrrolidinemethanol, 1-acetyl-...	185	C9H15NO3	042366-60-9	22
5		Dicyclohexyl phthalate	330	C20H26O4	000084-61-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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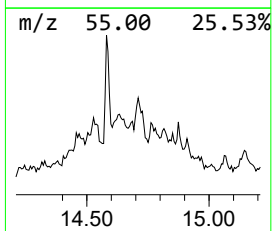
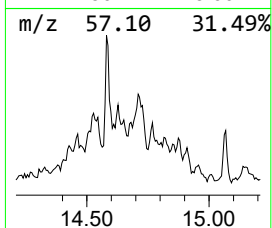
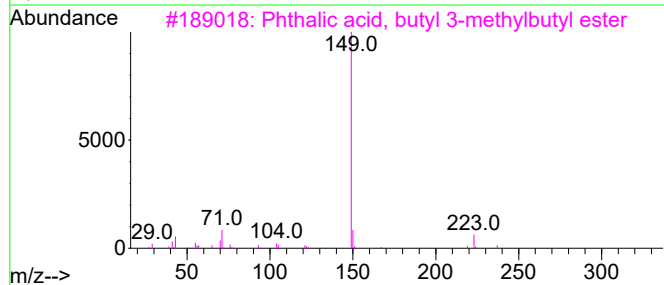
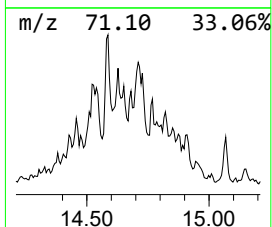
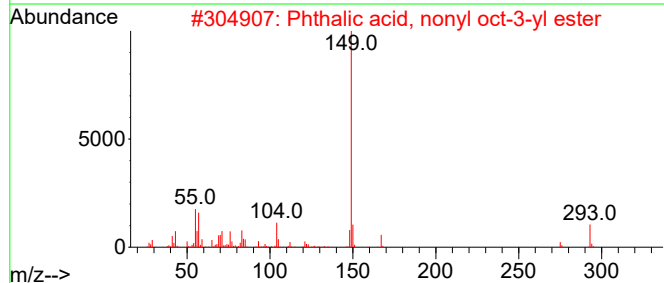
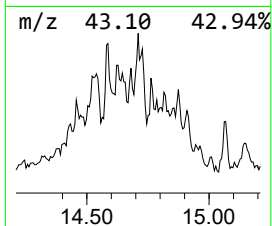
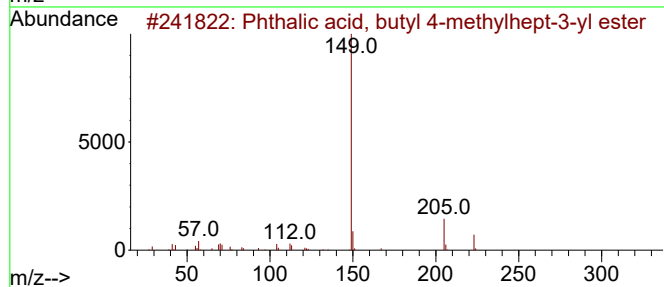
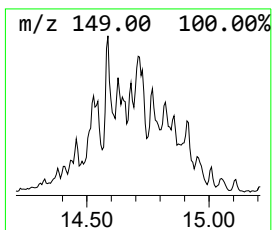
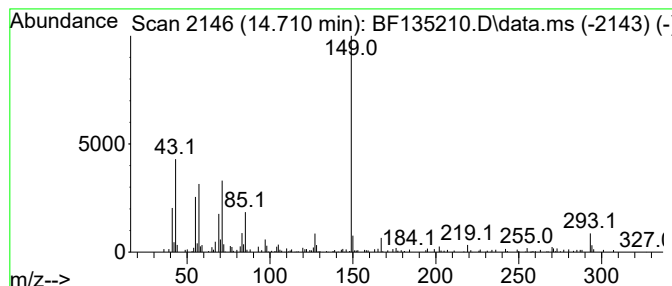
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Phthalic acid, butyl 4-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	7.59 ng	215999	Perylene-d12	15.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, butyl 4-methylhept-3-yl ester	334	C20H30O4	1000377-93-9	53
2			Phthalic acid, nonyl oct-3-yl ester	404	C25H40O4	1010377-71-8	53
3			Phthalic acid, butyl 3-methylbut-3-yl ester	292	C17H24O4	1000356-80-4	50
4			1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester	250	C14H18O4	000605-45-8	49
5			Phthalic acid, butyl 2,2-dichloroethyl ester	318	C14H16Cl2O4	1000356-92-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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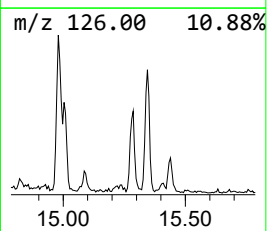
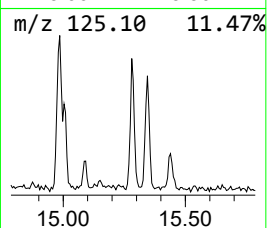
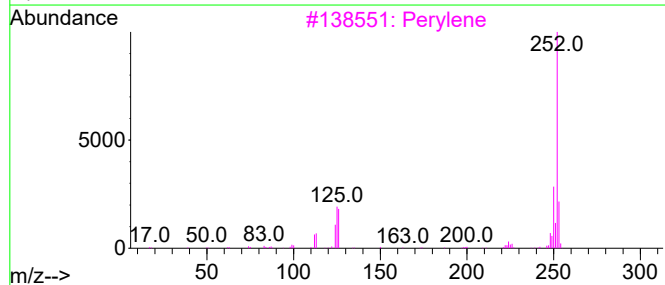
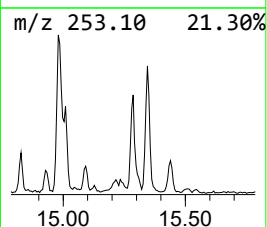
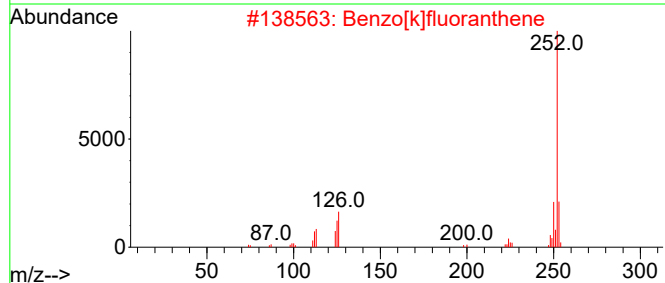
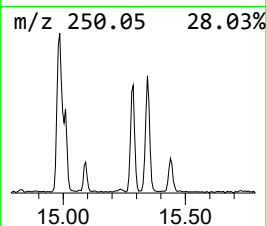
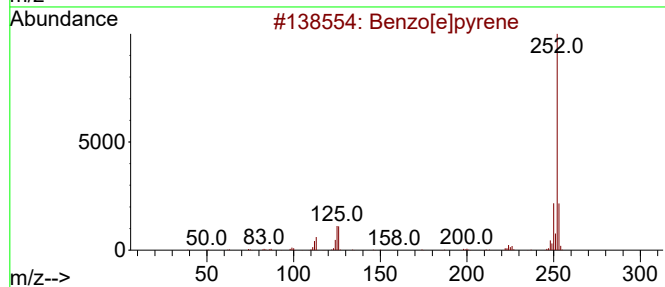
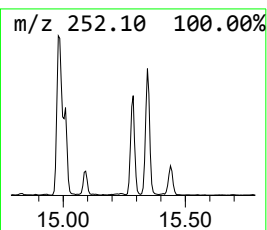
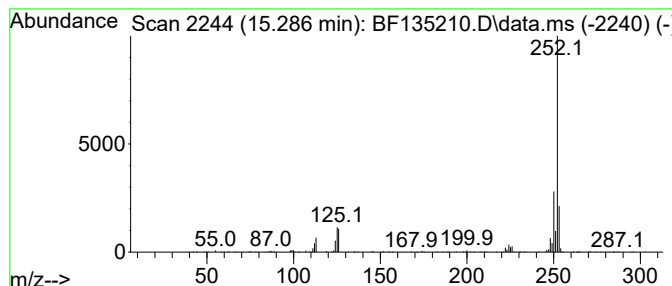
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	9.07 ng	258050	Perylene-d12	15.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5		Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

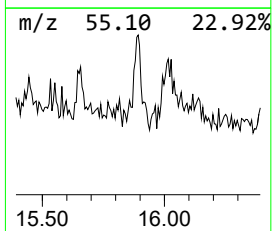
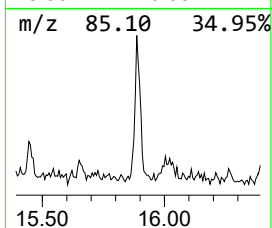
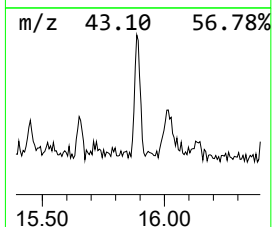
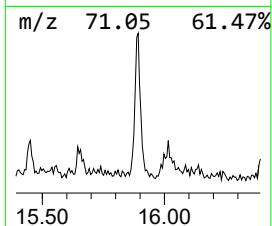
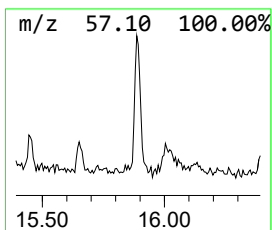
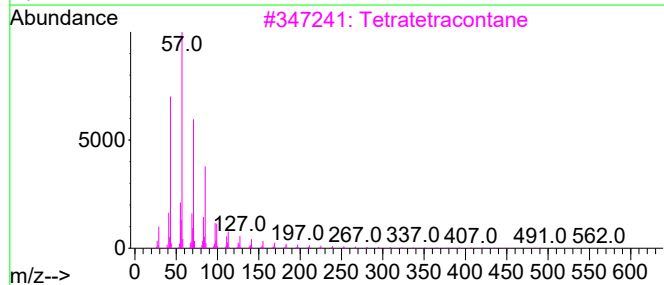
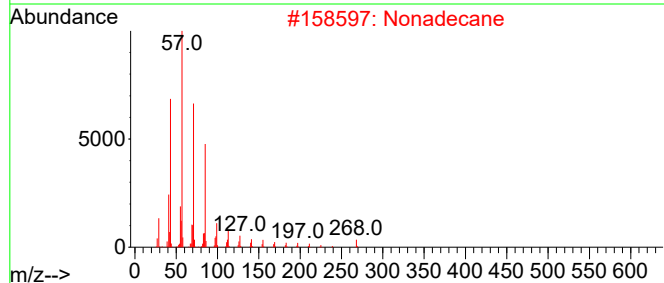
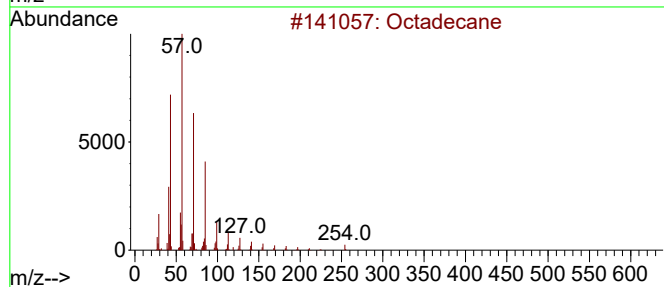
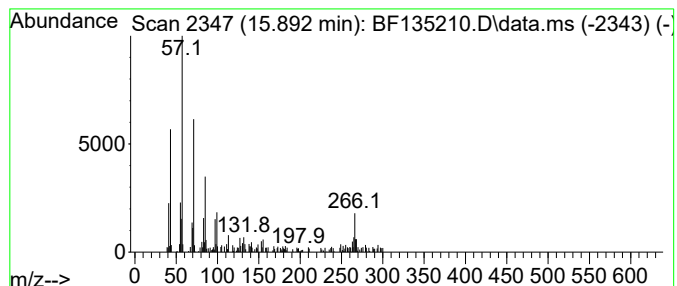
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.892	2.99 ng	85134	Perylene-d12	15.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	78
2	Nonadecane	268	C19H40	000629-92-5	70
3	Tetratetracontane	619	C44H90	007098-22-8	68
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	64
5	Heptacosane	380	C27H56	000593-49-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135210.D
Acq On : 13 Sep 2023 07:07
Operator : CG\JU
Sample : 04334-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
359

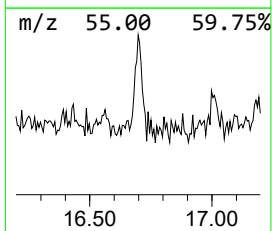
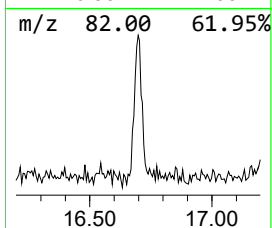
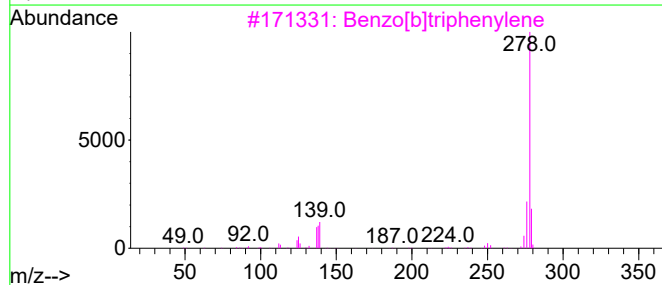
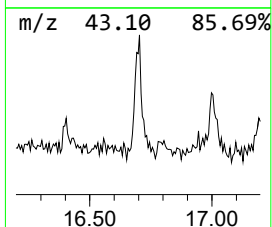
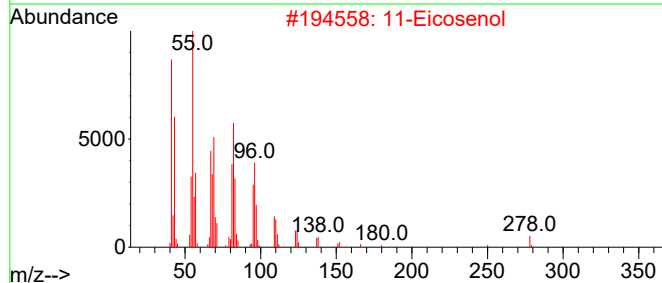
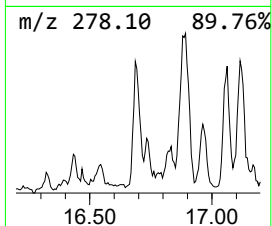
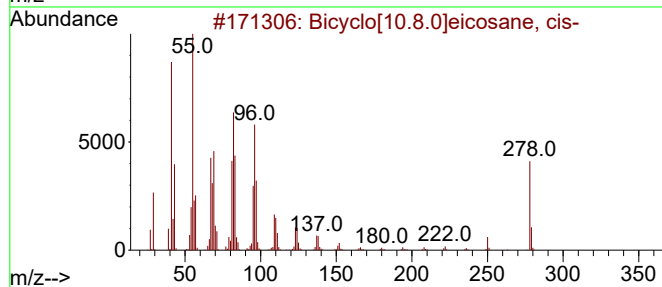
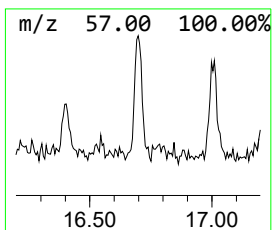
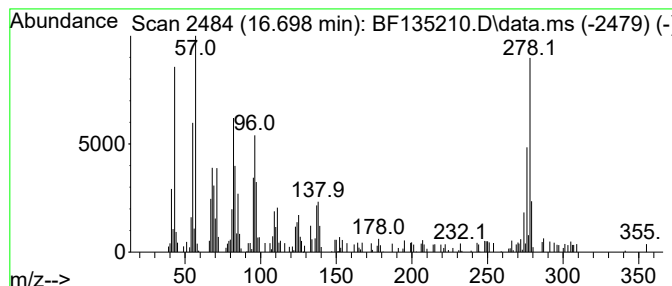
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.698	4.65 ng	132240	Perylene-d12	15.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	90
2		11-Eicosenol	296	C20H40O	1010424-20-3	55
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	41
4		8-Methoxy-11-methyl-11H-indolo[3...	278	C17H14N2O2	116618-53-2	30
5		Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135210.D
 Acq On : 13 Sep 2023 07:07
 Operator : CG\JU
 Sample : 04334-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 359

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.004	3.2	ng	104253	1	6.763	657484	20.0
Phenanthrene, 1...	11.792	7.5	ng	301122	4	11.286	804797	20.0
n-Hexadecanoic ...	11.828	14.1	ng	568877	4	11.286	804797	20.0
1-(benzo[d][1,3...	11.863	2.1	ng	82911	4	11.286	804797	20.0
4H-Cyclopenta[d...	11.904	5.2	ng	207489	4	11.286	804797	20.0
1H-Indene, 1-ph...	11.928	2.4	ng	97598	4	11.286	804797	20.0
.alpha.-Chlordene	12.028	35.3	ng	1420280	4	11.286	804797	20.0
Naphthalene, 2-...	12.092	2.7	ng	108661	4	11.286	804797	20.0
9,10-Anthracene...	12.122	4.1	ng	163597	4	11.286	804797	20.0
unknown12.322	12.322	3.0	ng	120568	4	11.286	804797	20.0
Phenanthrene, 2...	12.351	3.2	ng	128770	4	11.286	804797	20.0
Heptachlor epoxide	12.404	2.6	ng	102881	4	11.286	804797	20.0
trans-Chlordane	12.598	14.9	ng	598883	4	11.286	804797	20.0
Benzo[b]naphtho...	13.692	2.4	ng	133338	5	13.945	1098540	20.0
unknown14.580	14.580	6.8	ng	375802	5	13.945	1098540	20.0
Phthalic acid, ...	14.710	7.6	ng	215999	6	15.410	569019	20.0
Benzo[e]pyrene	15.286	9.1	ng	258050	6	15.410	569019	20.0
Octadecane	15.892	3.0	ng	85134	6	15.410	569019	20.0
Bicyclo[10.8.0]...	16.698	4.7	ng	132240	6	15.410	569019	20.0