

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139855.D
 Acq On : 18 Oct 2024 15:50
 Operator : RC/JU
 Sample : P4431-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11934

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-BF101824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139855.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	7	15	26	rVB	2556423	4148737	100.00%	8.654%
2	5.110	505	513	522	rVB	193785	310998	7.50%	0.649%
3	5.504	573	580	585	rBV	2775580	3869580	93.27%	8.072%
4	6.504	743	750	755	rBV	2678621	3784836	91.23%	7.895%
5	6.887	810	815	820	rBV	753786	936807	22.58%	1.954%
6	6.951	821	826	832	rVV2	40401	57565	1.39%	0.120%
7	7.445	904	910	915	rBV	1844043	2395652	57.74%	4.997%
8	7.698	948	953	958	rVB	105499	124377	3.00%	0.259%
9	8.169	1027	1033	1041	rBV	919449	1147703	27.66%	2.394%
10	8.381	1063	1069	1074	rVB	40276	52280	1.26%	0.109%
11	9.245	1210	1216	1221	rBV	2908300	3612734	87.08%	7.536%
12	9.581	1264	1273	1276	rBV2	31933	54242	1.31%	0.113%
13	9.786	1303	1308	1315	rBV	61727	86834	2.09%	0.181%
14	9.922	1325	1331	1335	rBV	805104	1015062	24.47%	2.117%
15	9.957	1335	1337	1341	rVB	65716	66001	1.59%	0.138%
16	10.328	1395	1400	1406	rBV4	19180	44454	1.07%	0.093%
17	10.469	1420	1424	1430	rVB	54390	75565	1.82%	0.158%
18	10.633	1447	1452	1459	rVB	161487	211781	5.10%	0.442%
19	10.710	1459	1465	1470	rBV	1285555	1669879	40.25%	3.483%
20	10.833	1482	1486	1492	rVB3	33879	50020	1.21%	0.104%
21	11.016	1509	1517	1520	rBV5	29680	64057	1.54%	0.134%
22	11.204	1545	1549	1555	rVV2	170215	230322	5.55%	0.480%
23	11.304	1563	1566	1571	rVB	40799	54544	1.31%	0.114%
24	11.410	1579	1584	1586	rBV	681342	945831	22.80%	1.973%
25	11.433	1586	1588	1592	rVV	723891	765723	18.46%	1.597%
26	11.480	1592	1596	1600	rVV	111836	156571	3.77%	0.327%
27	11.633	1616	1622	1629	rBV2	75344	151866	3.66%	0.317%
28	11.910	1664	1669	1670	rVV	150413	175820	4.24%	0.367%
29	11.933	1670	1673	1678	rVV	423959	630160	15.19%	1.315%
30	11.980	1678	1681	1684	rVV	61043	96882	2.34%	0.202%
31	12.022	1684	1688	1696	rVB	244113	458952	11.06%	0.957%
32	12.228	1715	1723	1730	rVB3	144704	313207	7.55%	0.653%
33	12.463	1758	1763	1766	rBV2	126888	191607	4.62%	0.400%
34	12.498	1766	1769	1774	rVV2	71668	117887	2.84%	0.246%
35	12.545	1774	1777	1782	rVB3	78720	107897	2.60%	0.225%
36	12.622	1785	1790	1795	rBV	1530323	1949035	46.98%	4.066%

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37	12.680	1795	1800	1803	rVB3	25817	44861	1.08%	0.094%
38	12.722	1803	1807	1810	rBV	107339	154000	3.71%	0.321%
39	12.851	1822	1829	1835	rBV	1436026	2118208	51.06%	4.419%
40	12.904	1835	1838	1843	rVB2	70173	102118	2.46%	0.213%
41	12.998	1845	1854	1860	rVB	2415622	3268656	78.79%	6.819%
42	13.069	1861	1866	1874	rBV4	137722	280365	6.76%	0.585%
43	13.175	1877	1884	1888	rVB	227118	436445	10.52%	0.910%
44	13.245	1892	1896	1899	rBV2	137079	168513	4.06%	0.352%
45	13.280	1899	1902	1905	rBV	153172	178190	4.30%	0.372%
46	13.374	1915	1918	1921	rBV	97773	115890	2.79%	0.242%
47	13.404	1921	1923	1927	rVB	96865	106303	2.56%	0.222%
48	13.539	1943	1946	1949	rBV	41677	63400	1.53%	0.132%
49	13.680	1966	1970	1975	rVB	138715	206061	4.97%	0.430%
50	13.798	1984	1990	1993	rBV2	176847	323541	7.80%	0.675%
51	13.827	1993	1995	1997	rVV	62397	65258	1.57%	0.136%
52	13.892	2002	2006	2013	rVB3	274029	441458	10.64%	0.921%
53	14.045	2025	2032	2035	rBV4	1408956	2568228	61.90%	5.357%
54	14.074	2035	2037	2044	rVB	847736	1026697	24.75%	2.142%
55	14.157	2048	2051	2054	rVB	92537	109253	2.63%	0.228%
56	14.269	2067	2070	2074	rBV3	63408	81243	1.96%	0.169%
57	14.433	2094	2098	2101	rBV	133943	169566	4.09%	0.354%
58	14.469	2101	2104	2108	rVB2	119266	136804	3.30%	0.285%
59	14.527	2111	2114	2117	rBV4	80131	114169	2.75%	0.238%
60	14.557	2117	2119	2122	rVV2	58259	58780	1.42%	0.123%
61	14.680	2137	2140	2145	rVB2	131438	186042	4.48%	0.388%
62	14.733	2146	2149	2152	rBV	91481	132598	3.20%	0.277%
63	14.774	2153	2156	2160	rVB2	92933	126004	3.04%	0.263%
64	14.827	2161	2165	2169	rVV2	84153	130121	3.14%	0.271%
65	14.916	2176	2180	2185	rBV4	163005	267225	6.44%	0.557%
66	15.092	2205	2210	2219	rVB	641434	1500747	36.17%	3.131%
67	15.204	2226	2229	2240	rVB	151122	269441	6.49%	0.562%
68	15.398	2257	2262	2268	rVB	349808	531078	12.80%	1.108%
69	15.463	2268	2273	2278	rVB	453927	657616	15.85%	1.372%
70	15.527	2279	2284	2288	rBV	419351	681632	16.43%	1.422%
71	16.015	2364	2367	2372	rBV2	40985	59299	1.43%	0.124%
72	17.010	2530	2536	2546	rVB2	211416	472364	11.39%	0.985%
73	17.457	2606	2612	2629	rVB	189696	460405	11.10%	0.960%

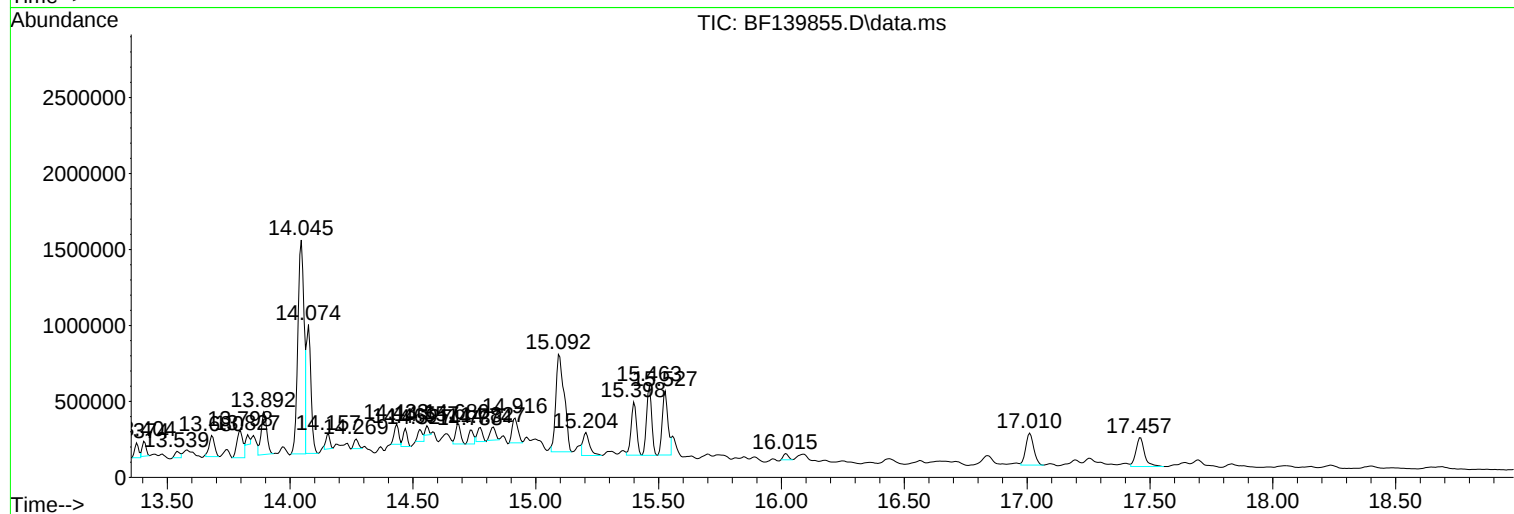
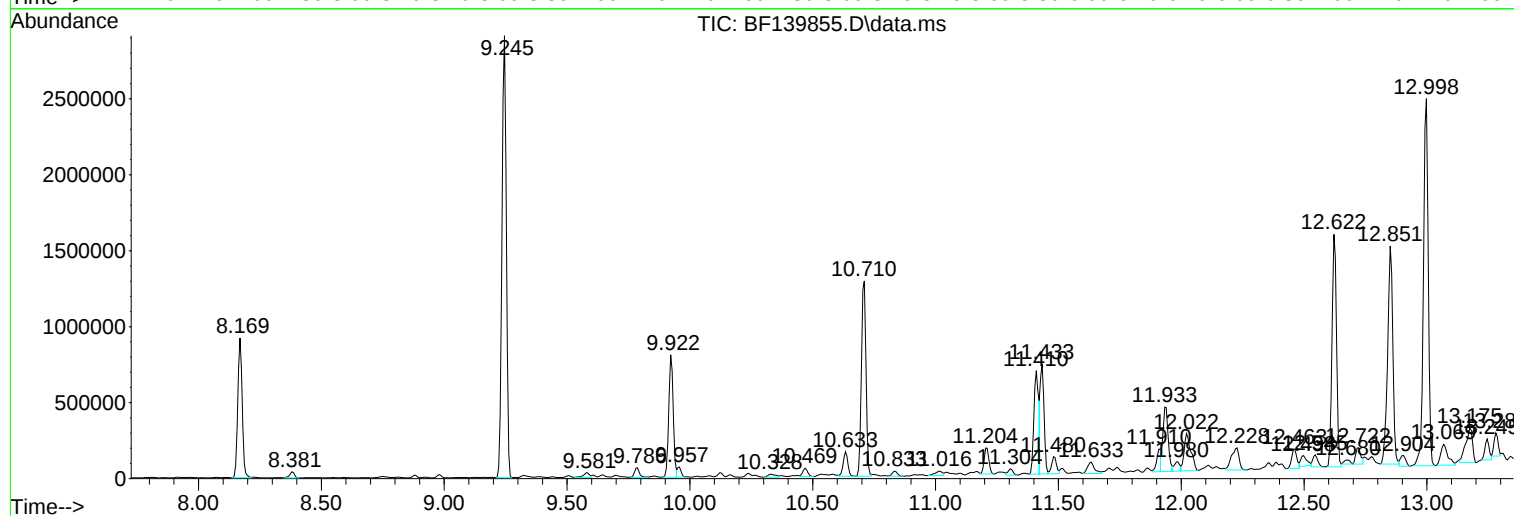
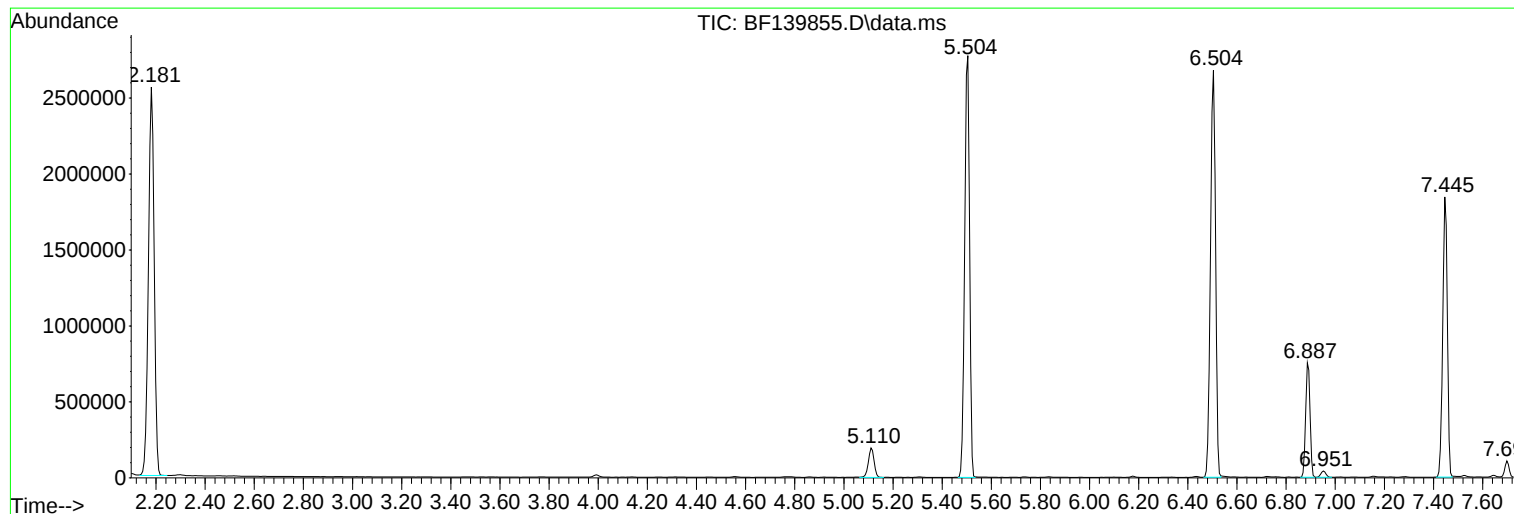
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : RC/JU
Sample : P4431-01
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Instrument :
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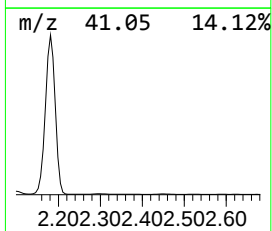
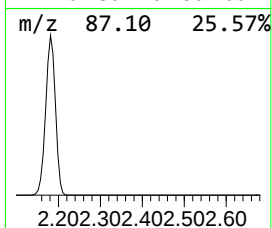
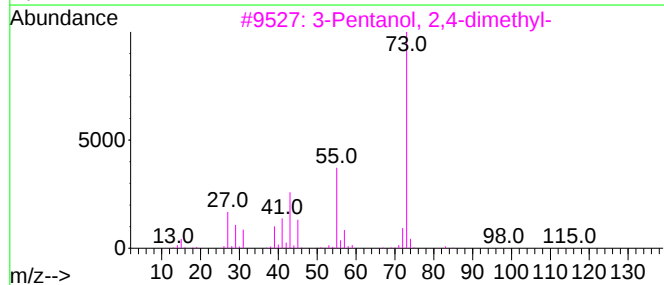
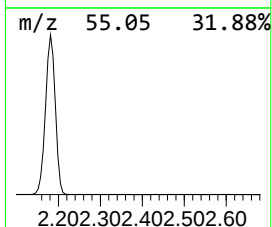
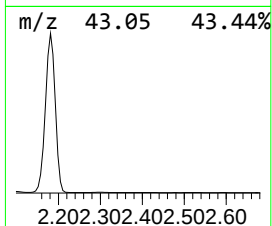
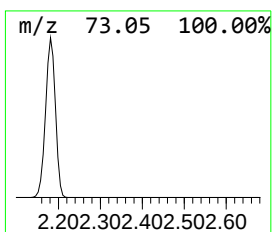
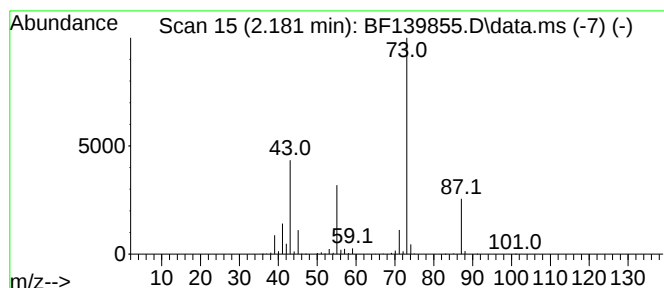
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	88.57 ng	4148740	1,4-Dichlorobenzene-d4	6.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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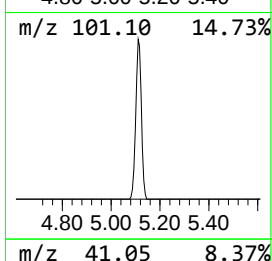
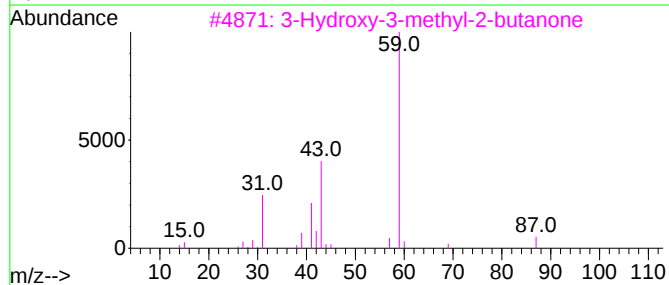
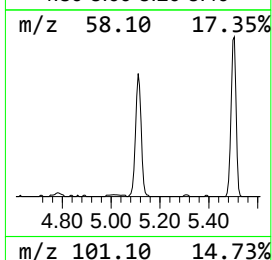
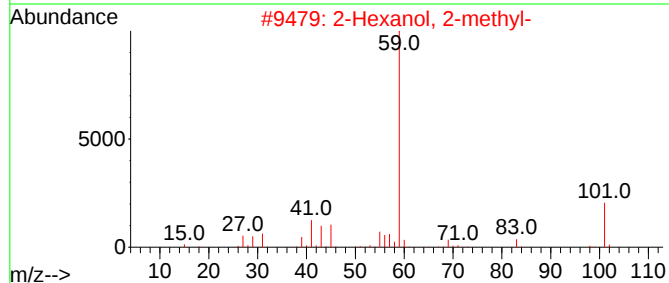
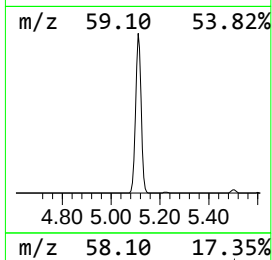
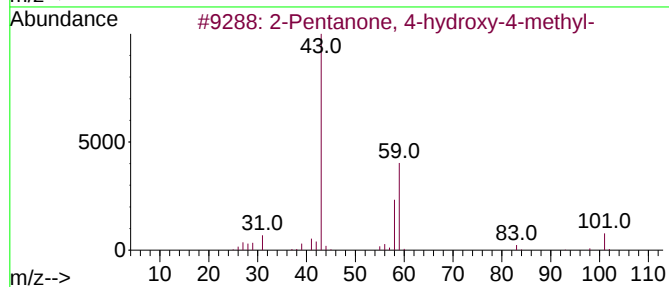
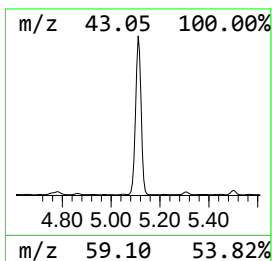
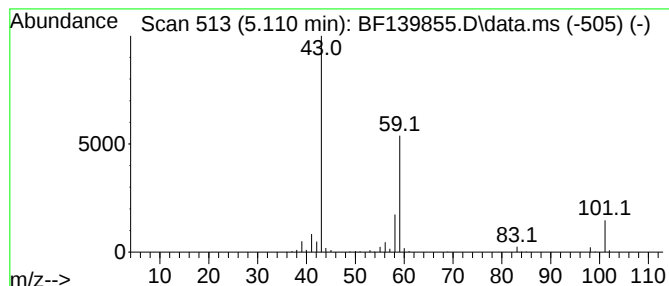
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.64 ng	310998	1,4-Dichlorobenzene-d4	6.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38		
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17		



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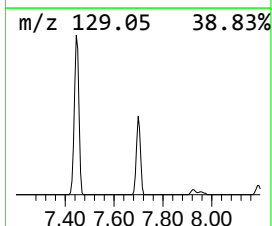
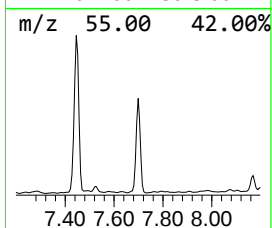
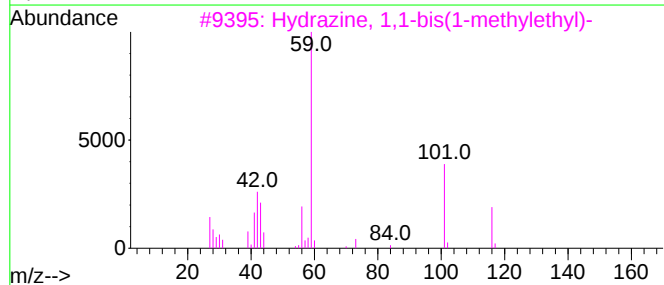
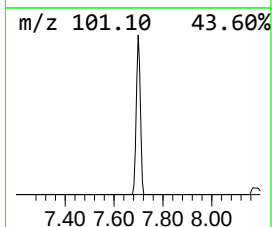
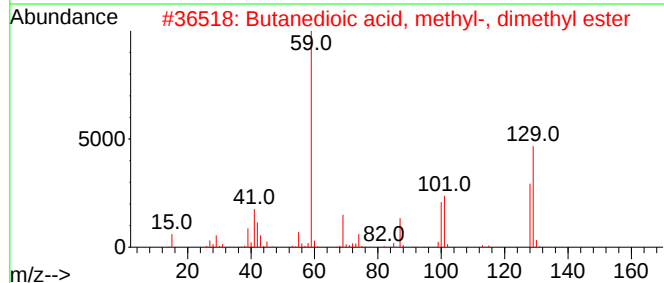
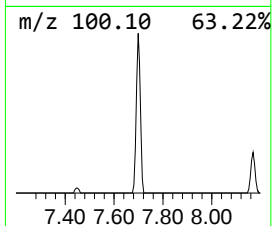
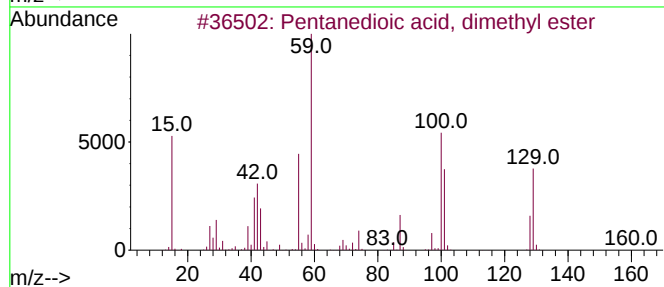
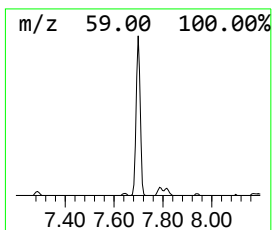
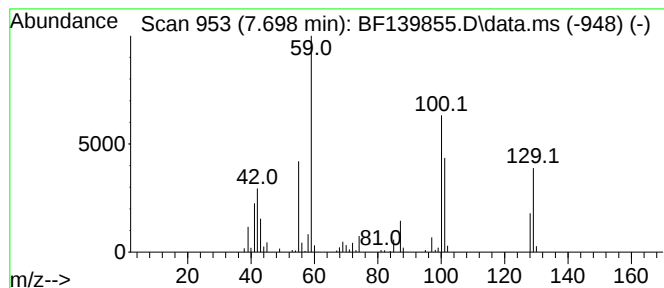
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Pentanedioic acid, dimethyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.698	2.17 ng	124377	Naphthalene-d8	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	90
2			Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	45
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
4			Piperidine, 1-hydroxy-	101	C5H11NO	004801-58-5	35
5			Hydrazine, (1-methylethyl)-	74	C3H10N2	002257-52-5	30



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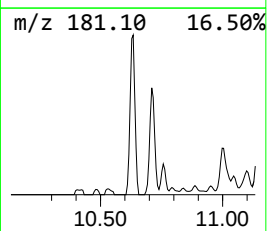
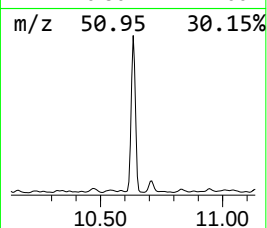
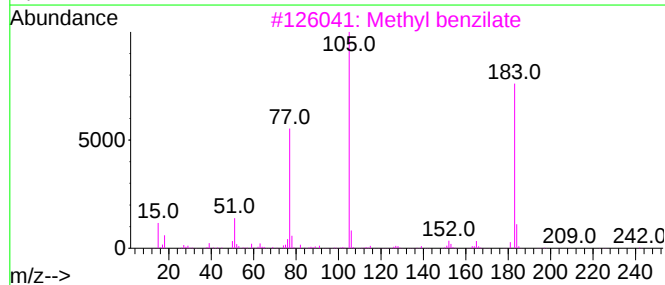
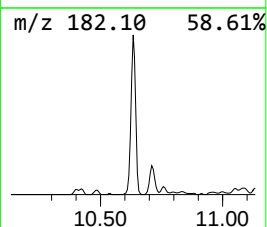
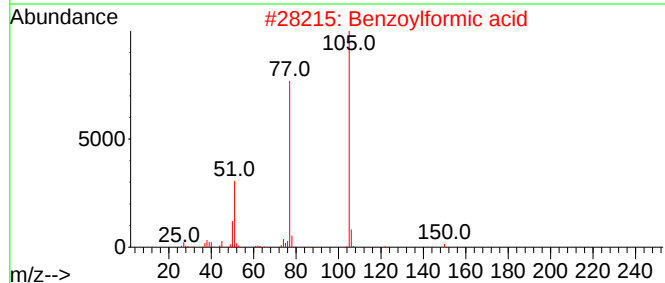
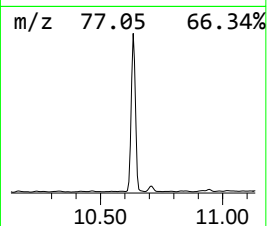
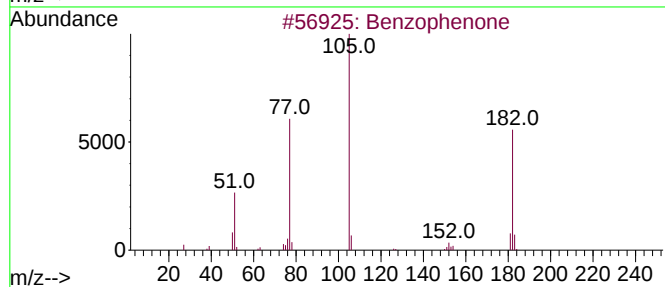
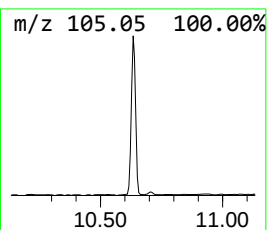
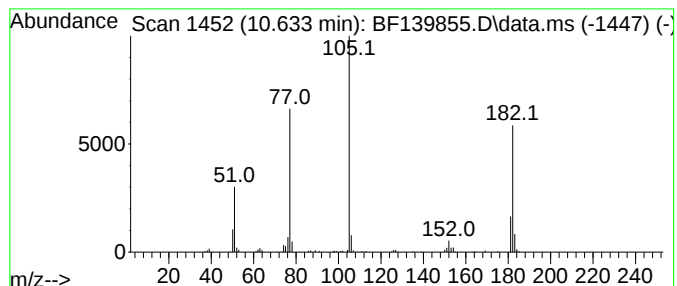
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	4.17 ng	211781	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzoylformic acid	150	C8H6O3	000611-73-4	49
3			Methyl benzoate	242	C15H14O3	000076-89-1	47
4			Vinyl benzoate	148	C9H8O2	000769-78-8	47
5			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
Acq On : 18 Oct 2024 15:50
Operator : RC/JU
Sample : P4431-01
Misc :
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Instrument :
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ClientSampleId :
72-11934

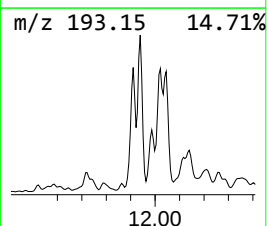
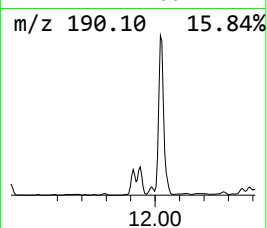
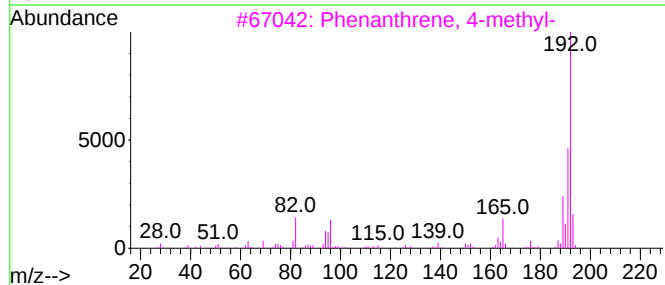
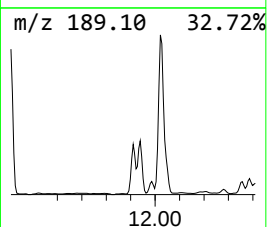
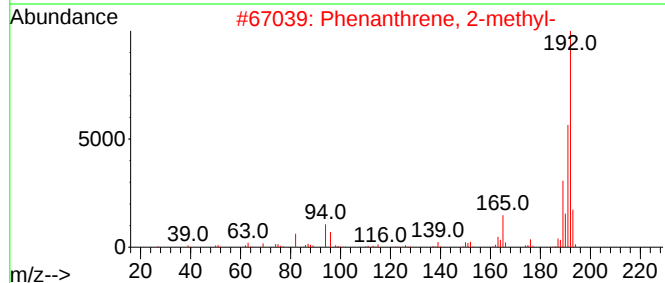
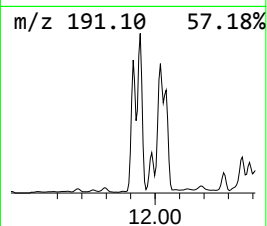
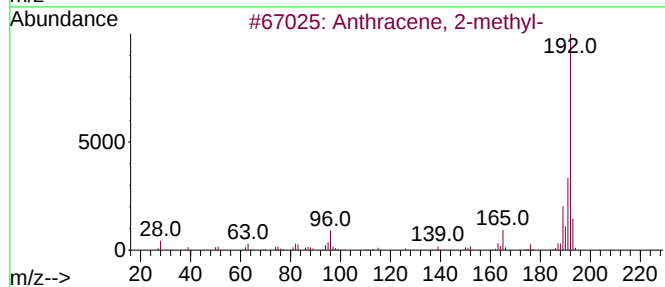
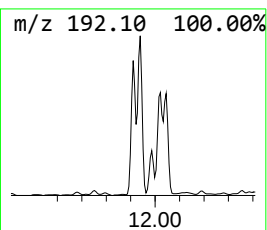
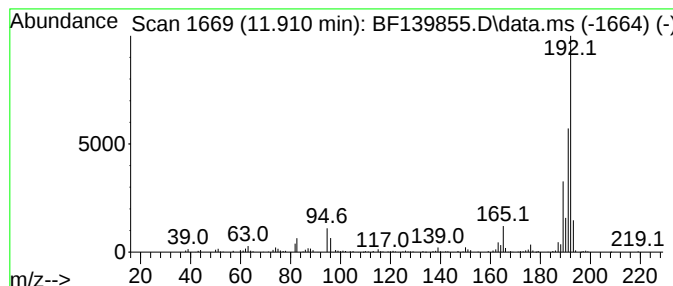
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.72 ng	175820	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
Acq On : 18 Oct 2024 15:50
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ClientSampleId :
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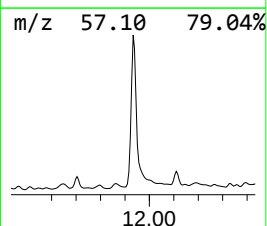
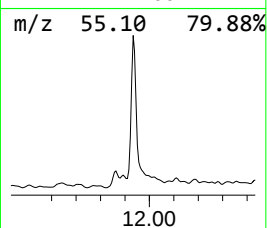
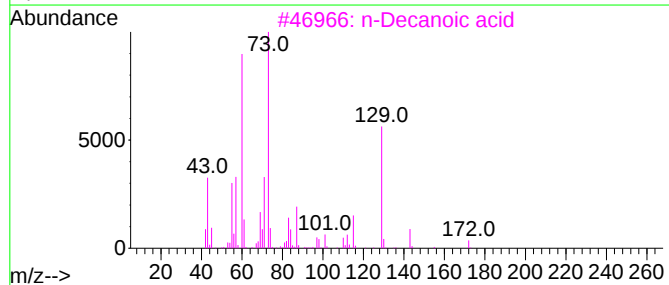
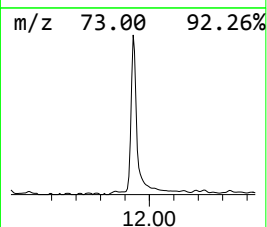
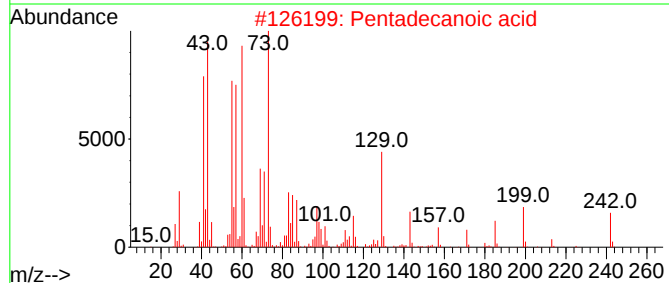
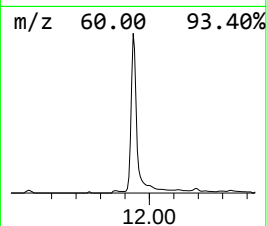
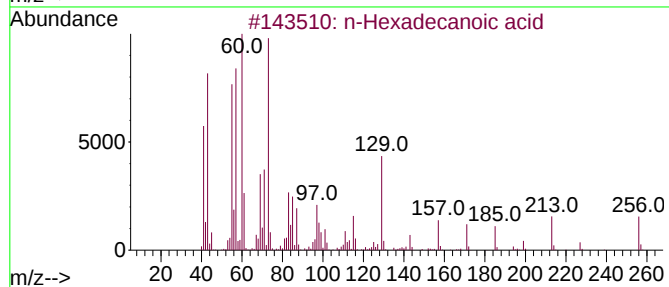
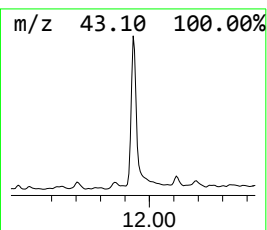
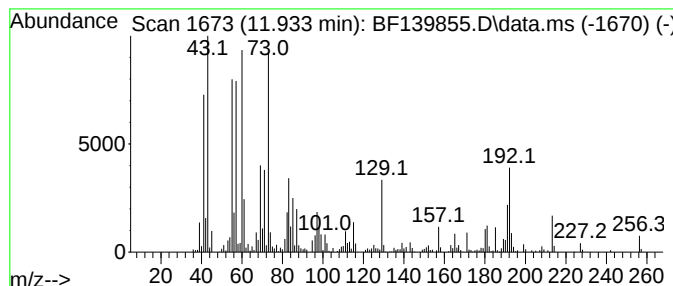
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	13.32 ng	630160	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		n-Decanoic acid	172	C10H20O2	000334-48-5	70
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
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Sample : P4431-01
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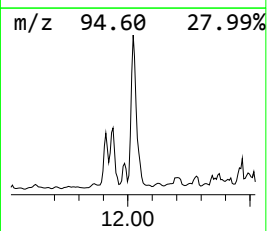
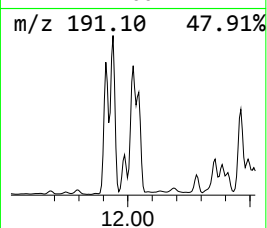
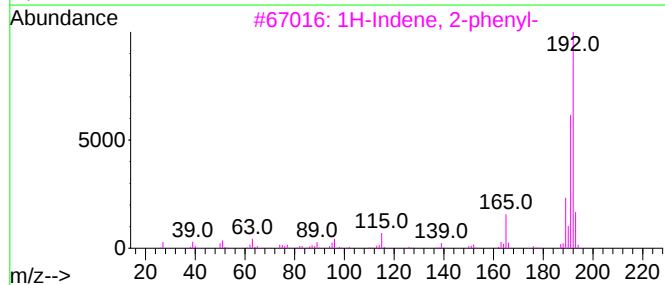
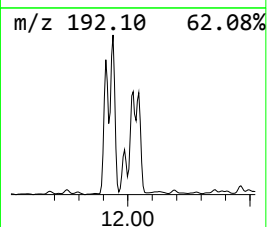
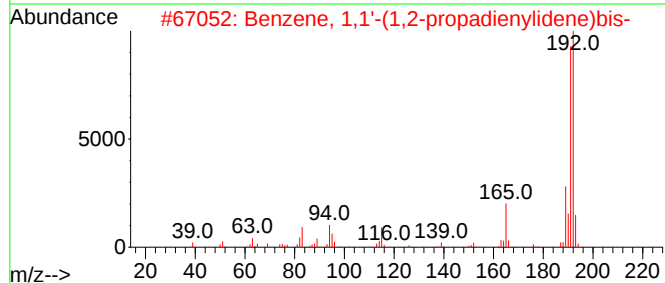
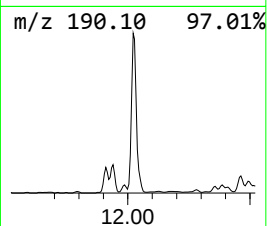
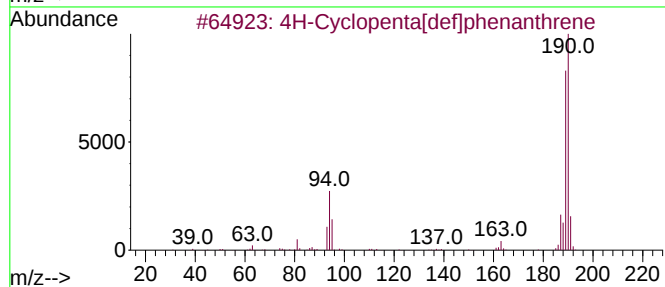
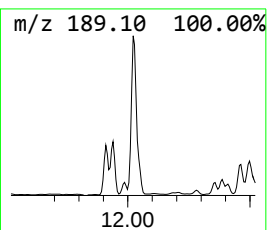
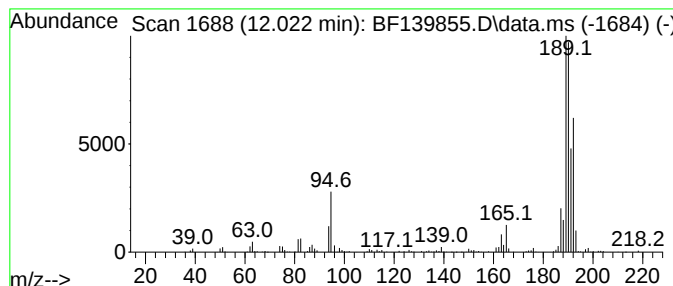
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.022	9.70 ng	458952	Phenanthrene-d10	11.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	22
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
Acq On : 18 Oct 2024 15:50
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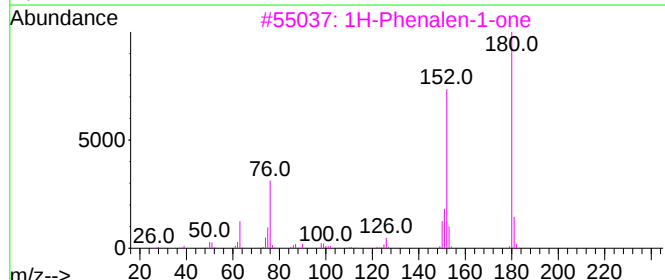
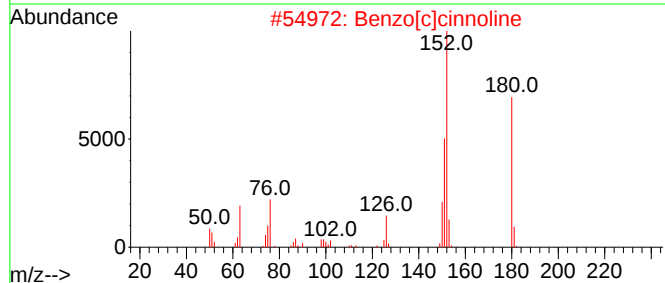
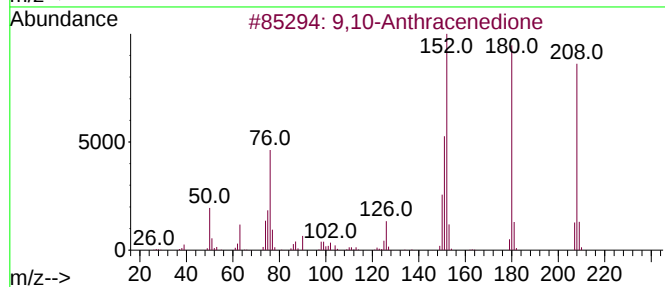
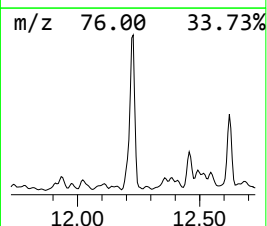
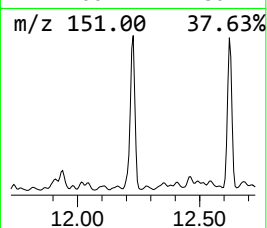
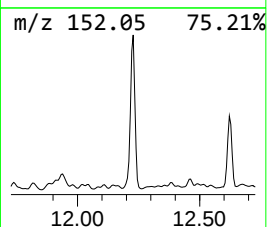
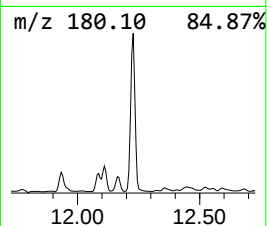
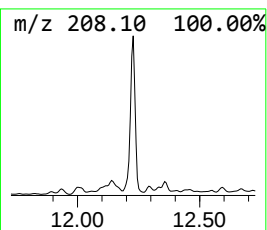
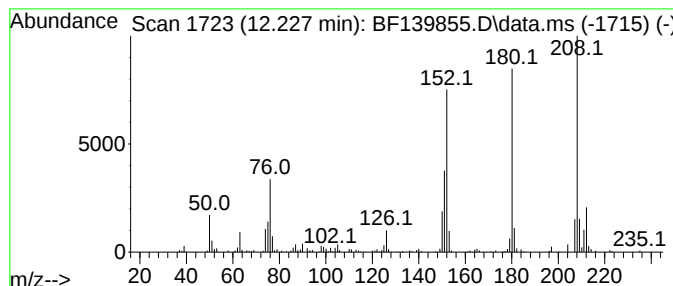
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	6.62 ng	313207	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	89
3	1H-Phenalen-1-one			180	C13H8O	000548-39-0	55
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	53
5	1,4-Anthracenedione			208	C14H8O2	000635-12-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
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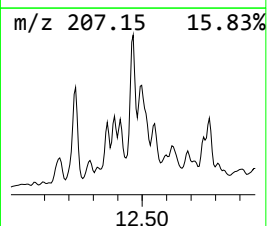
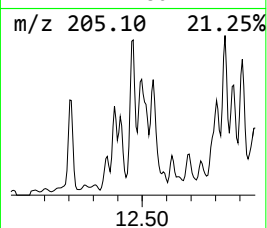
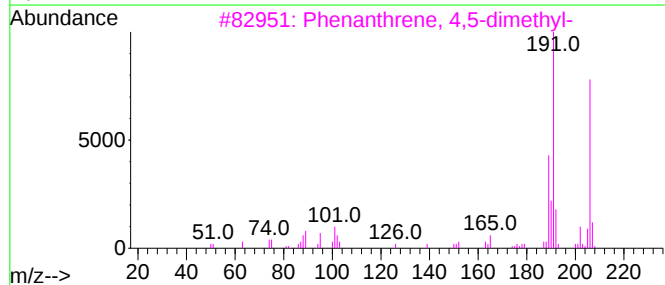
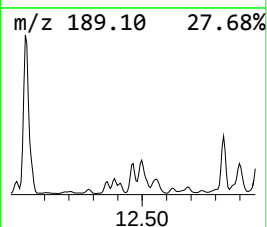
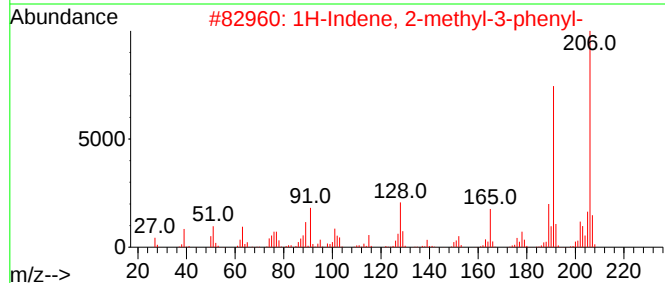
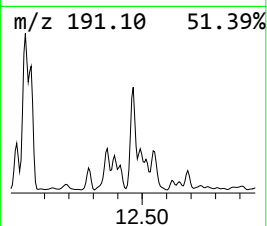
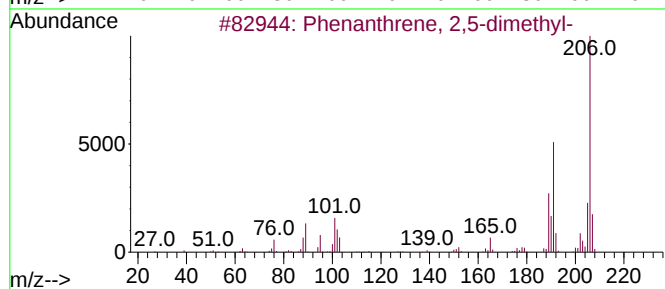
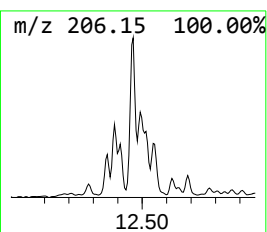
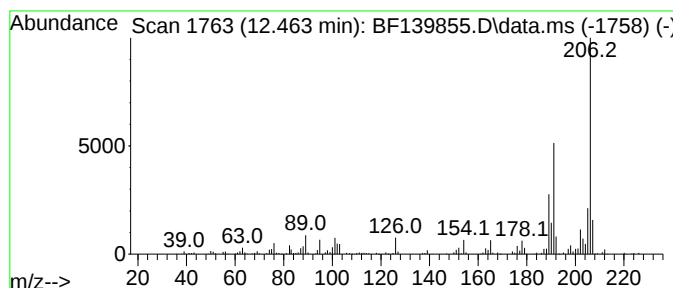
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.463	4.05 ng	191607	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
2	1H-Indene, 2-methyl-3-phenyl-		206	C16H14	035099-60-6	90
3	Phenanthrene, 4,5-dimethyl-		206	C16H14	003674-69-9	90
4	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	89
5	9,10-Dimethylanthracene		206	C16H14	000781-43-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
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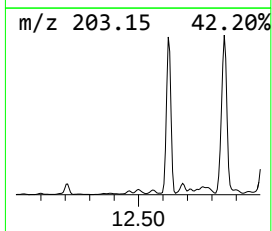
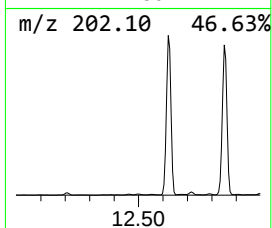
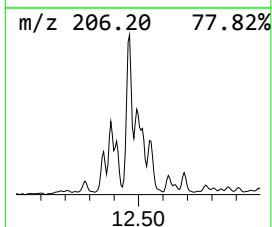
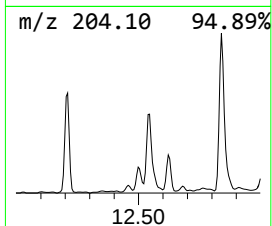
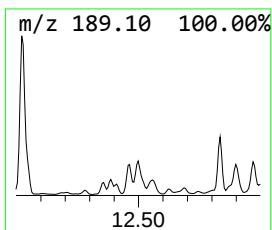
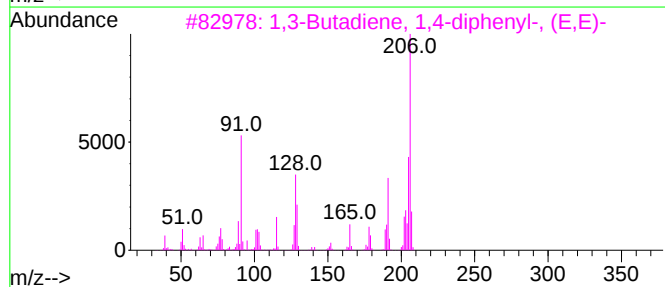
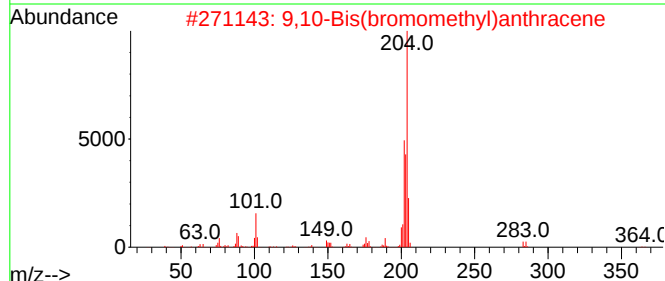
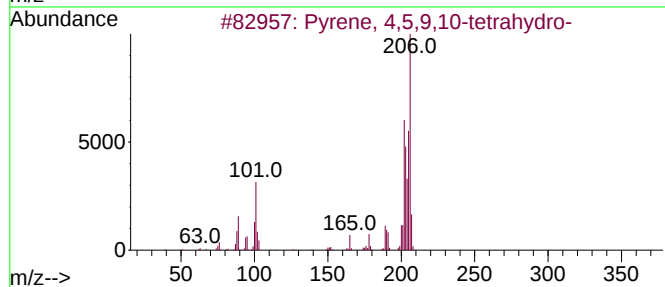
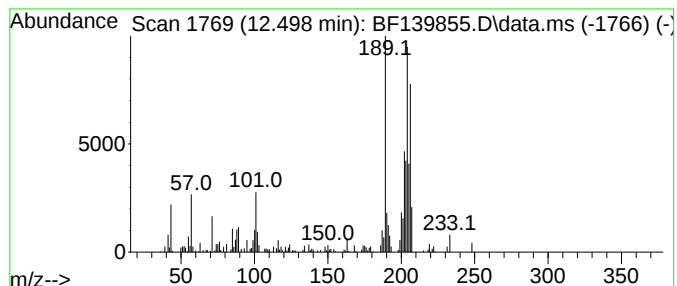
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.498 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	2.49 ng	117887	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
3			1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
4			4-Amino-3,5-dichloro-2,6-dimethy...	206	C7H8Cl2N2O	1010227-19-9	27
5			Cyclohexanone, 2,6-bis(2-methylp...	206	C14H22O	092368-82-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
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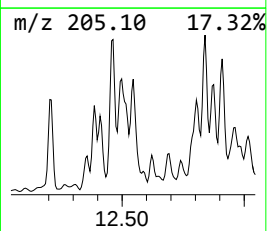
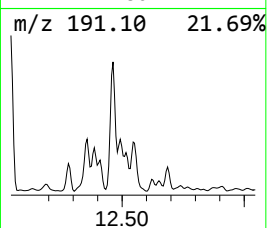
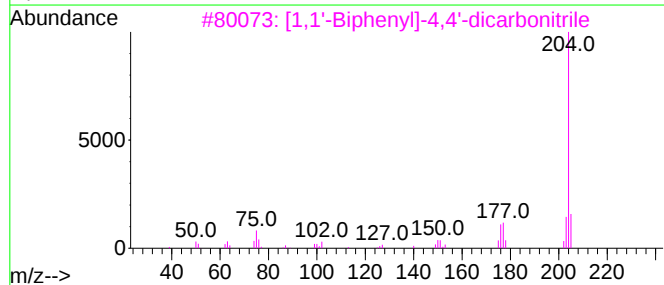
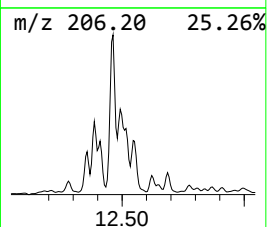
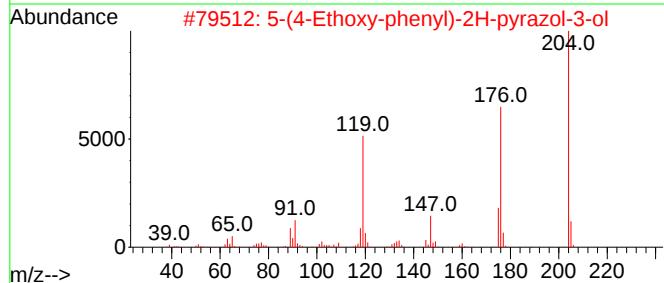
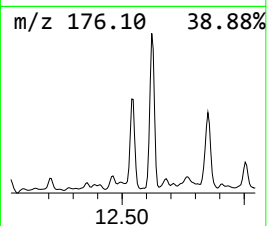
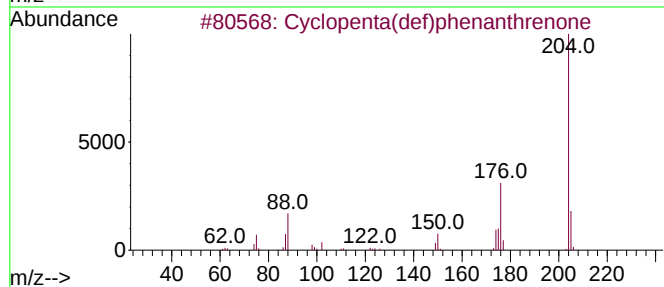
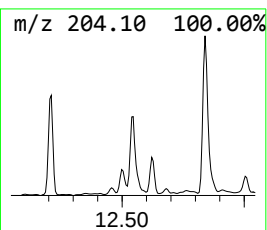
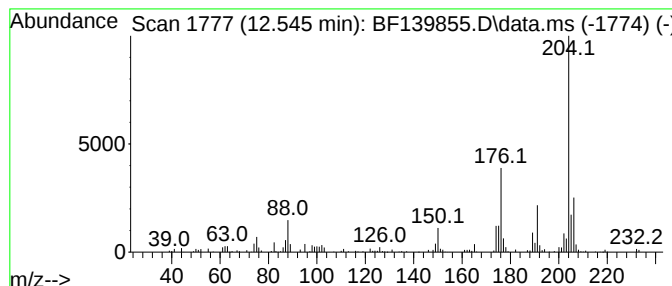
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.545	2.28 ng	107897	Phenanthrene-d10	11.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
Acq On : 18 Oct 2024 15:50
Operator : RC/JU
Sample : P4431-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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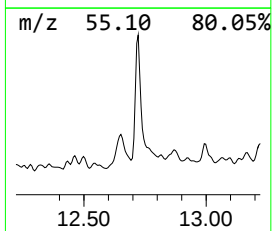
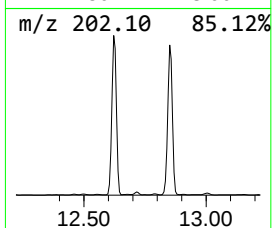
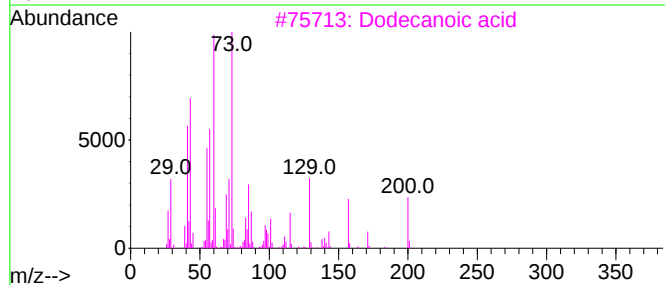
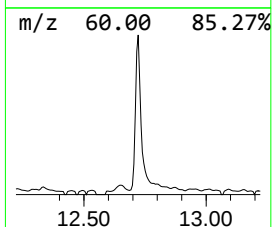
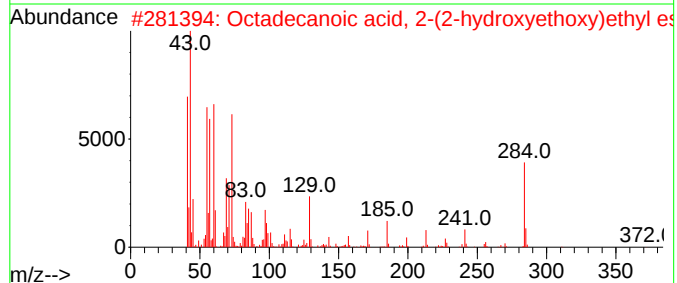
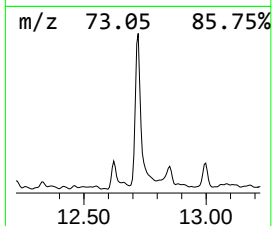
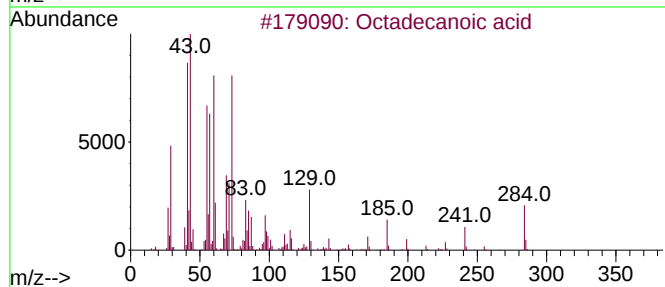
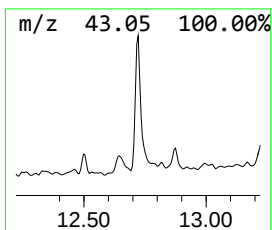
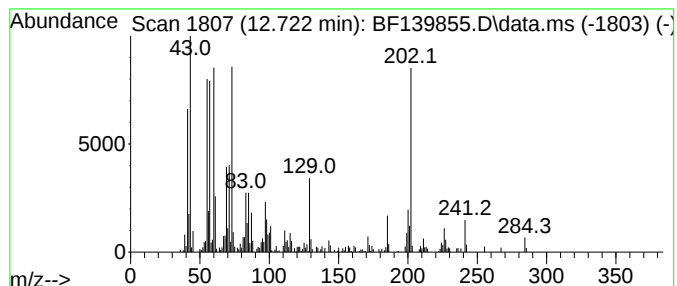
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	3.26 ng	154000	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	58
3			Dodecanoic acid	200	C12H24O2	000143-07-7	58
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5			Tridecanoic acid	214	C13H26O2	000638-53-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
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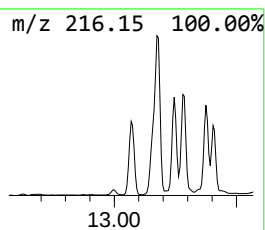
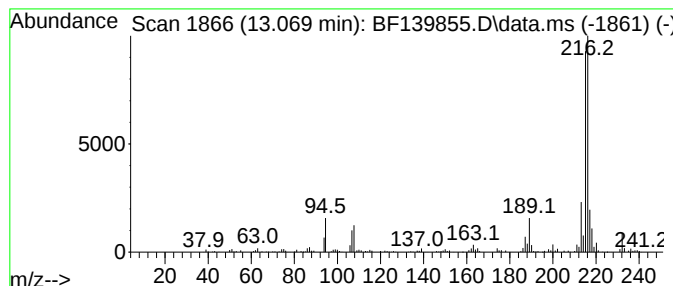
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.069	2.18 ng	280365	Chrysene-d12		14.051	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-		216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
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Sample : P4431-01
Misc :
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ClientSampleId :
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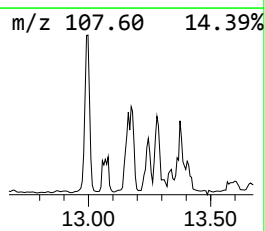
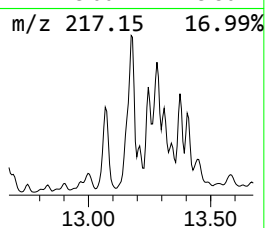
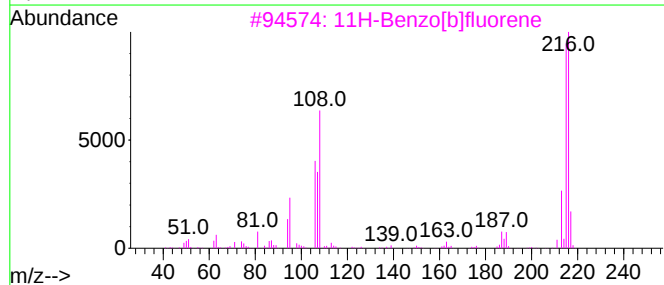
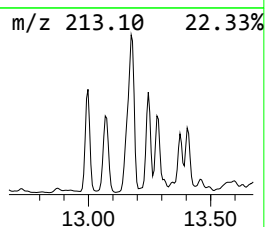
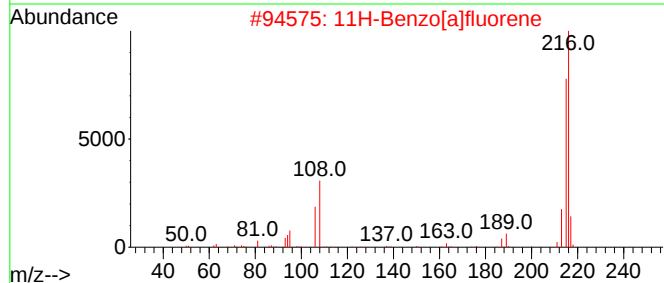
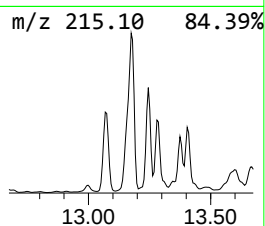
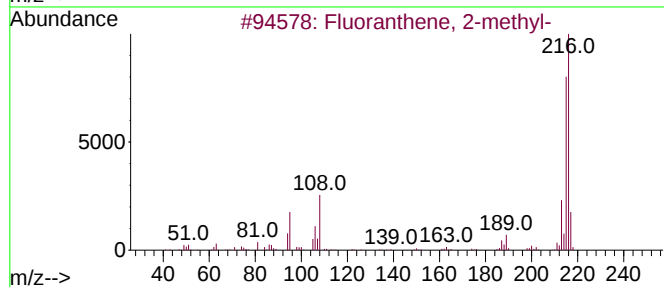
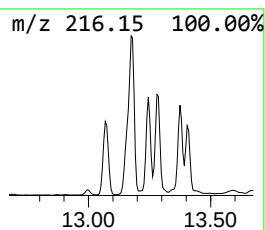
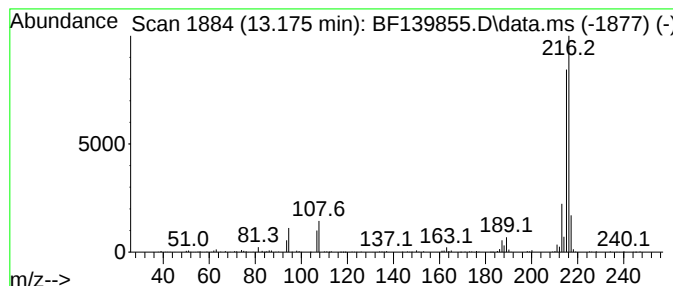
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	3.40 ng	436445	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
Acq On : 18 Oct 2024 15:50
Operator : RC/JU
Sample : P4431-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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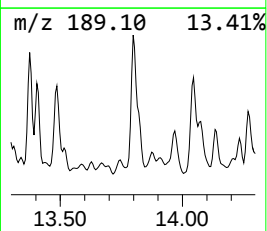
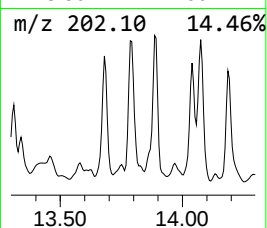
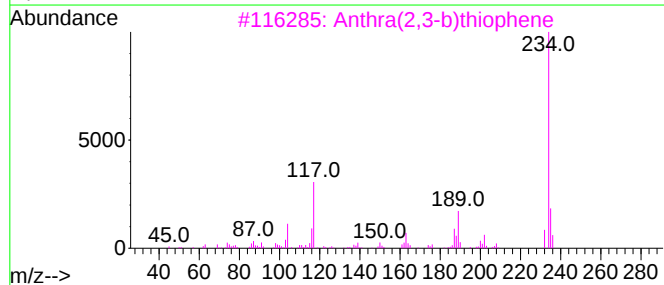
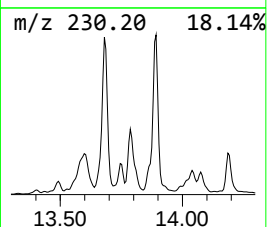
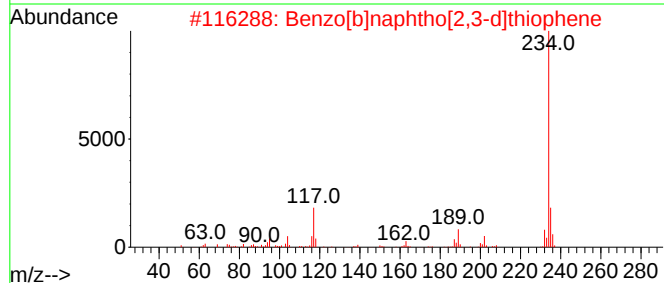
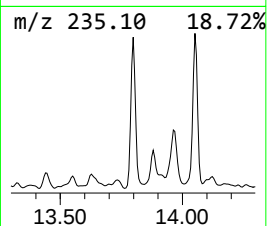
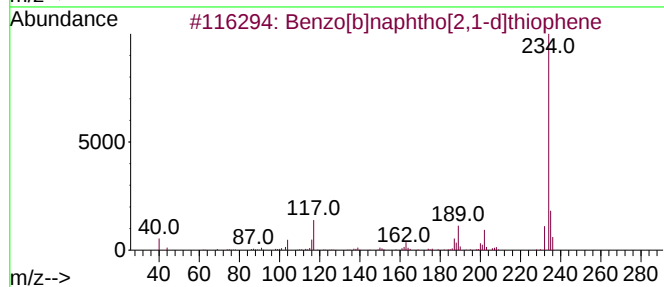
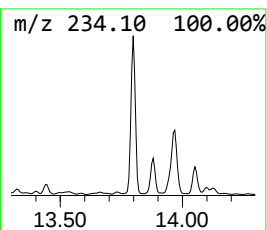
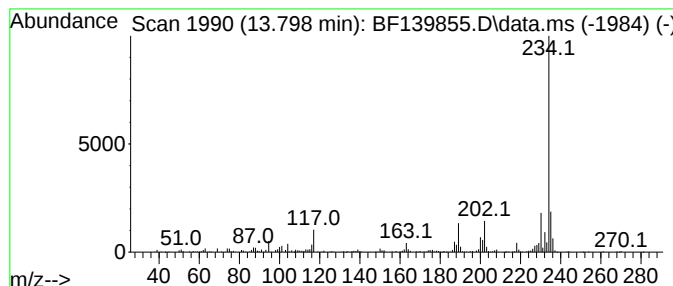
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	2.52 ng	323541	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
3			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	72
4			Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	68
5			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
Acq On : 18 Oct 2024 15:50
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Sample : P4431-01
Misc :
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Instrument :
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ClientSampleId :
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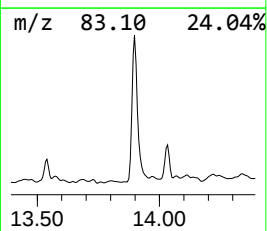
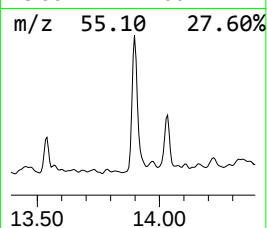
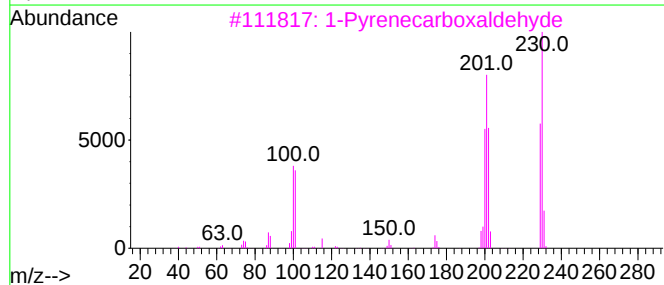
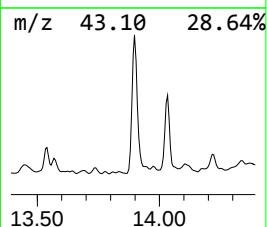
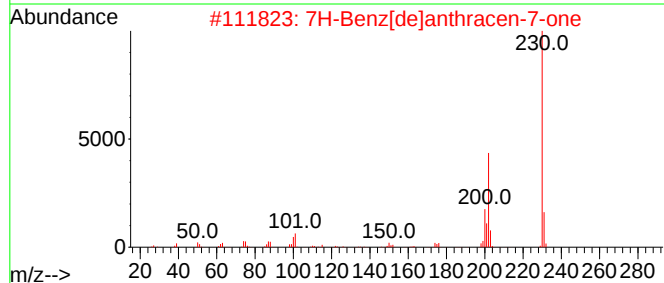
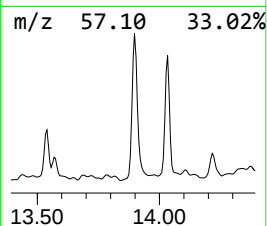
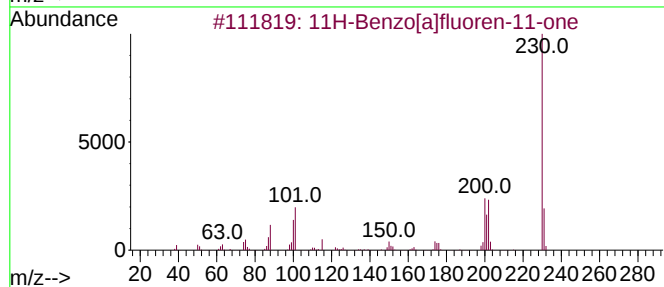
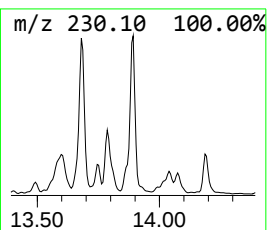
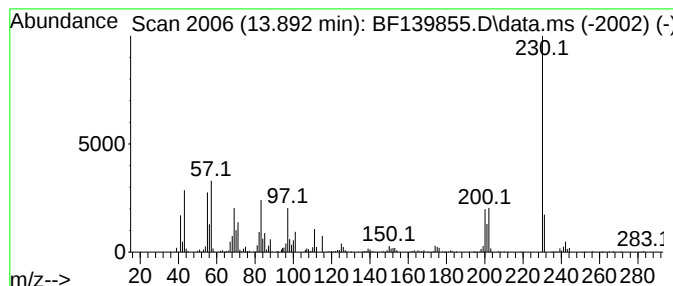
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.44 ng	441458	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	53
4			Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	53
5			benzonitrile, 2-(3-isoquinoliny)-	230	C16H10N2	1000401-00-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
Acq On : 18 Oct 2024 15:50
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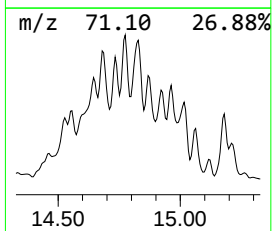
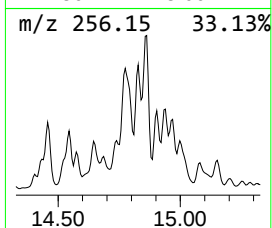
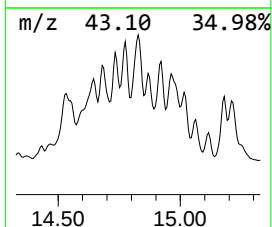
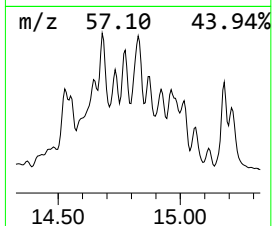
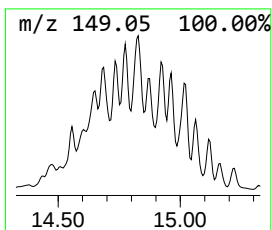
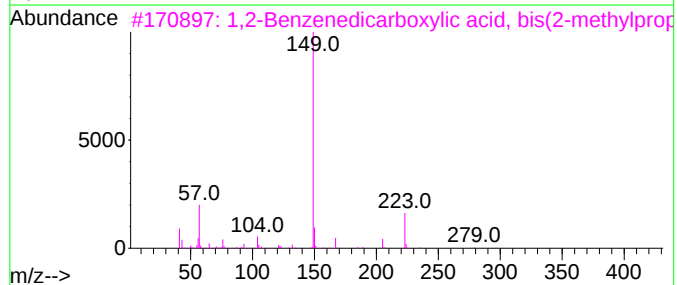
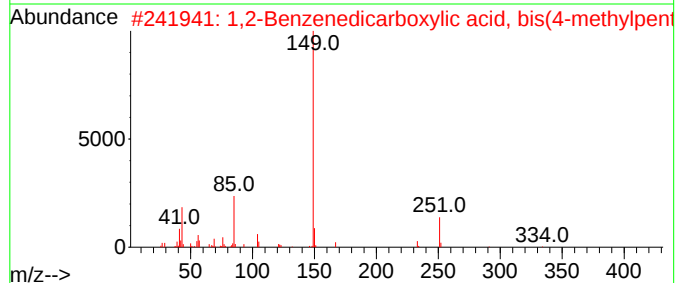
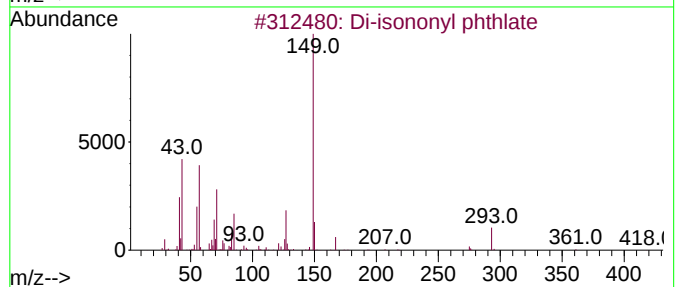
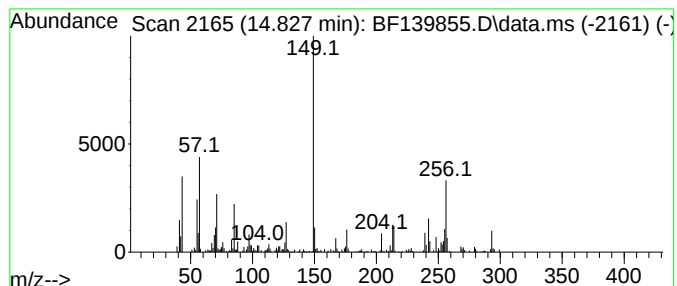
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.827 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	3.82 ng	130121	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Di-isononyl phthlate	418	C26H42O4	020548-62-3	46
2			1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	43
3			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	41
4			Di-sec-butyl phthalate	278	C16H22O4	1000373-65-4	41
5			Phthalic acid, butyl pent-2-en-4...	286	C17H18O4	1000315-45-3	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
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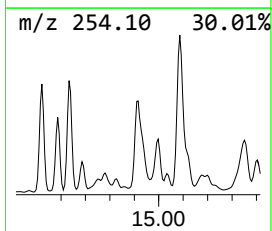
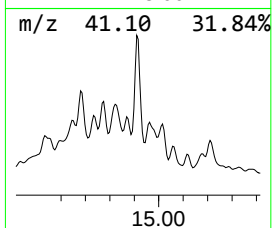
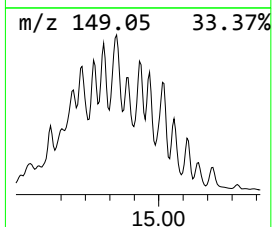
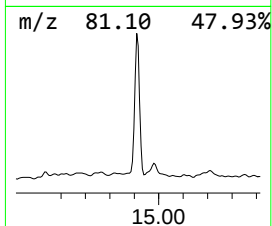
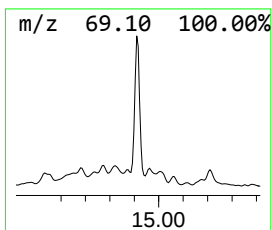
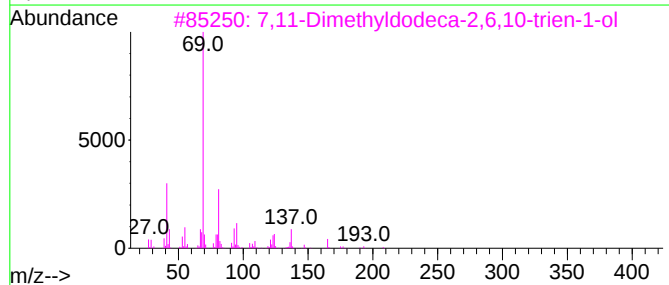
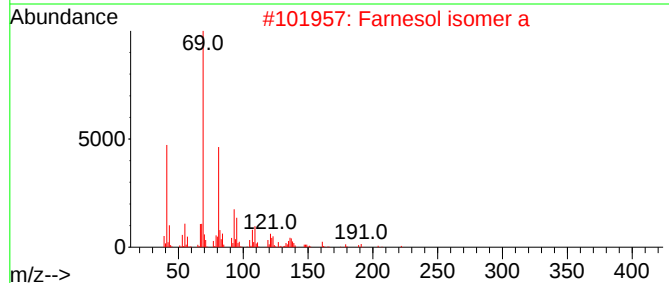
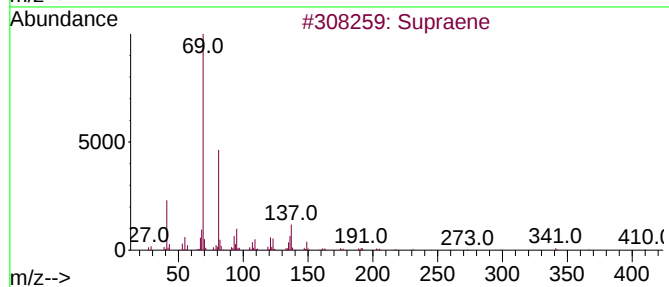
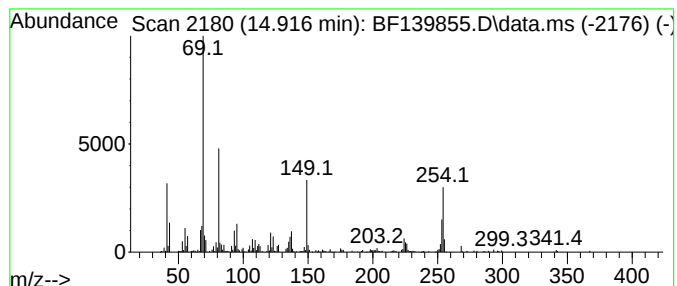
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.916	7.84 ng	267225	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	58
2			Farnesol isomer a	222	C15H26O	1000108-92-4	49
3			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	47
4			.beta.-Citronellol, chlorodifluo...	268	C12H19ClF2O2	1000376-20-8	45
5			trans-Farnesol	222	C15H26O	000106-28-5	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
Acq On : 18 Oct 2024 15:50
Operator : RC/JU
Sample : P4431-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11934

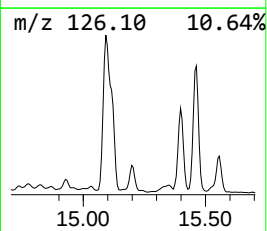
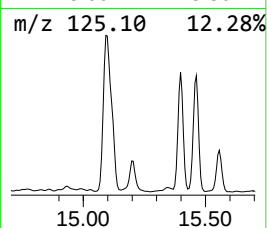
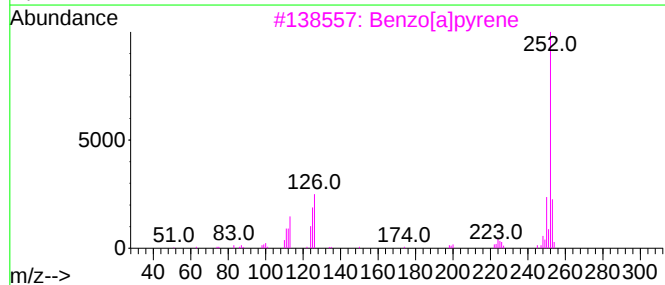
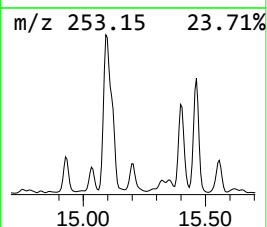
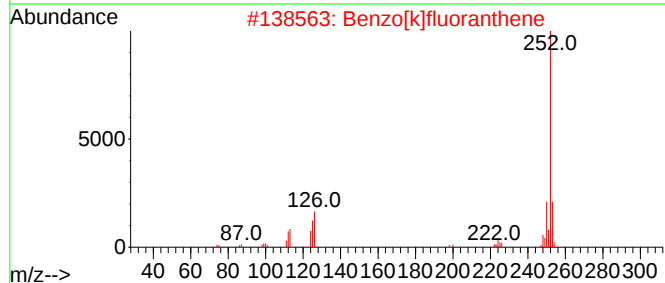
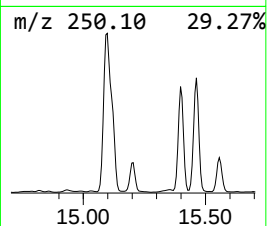
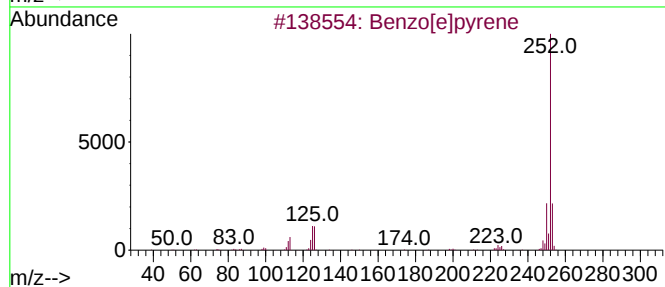
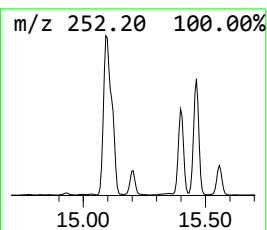
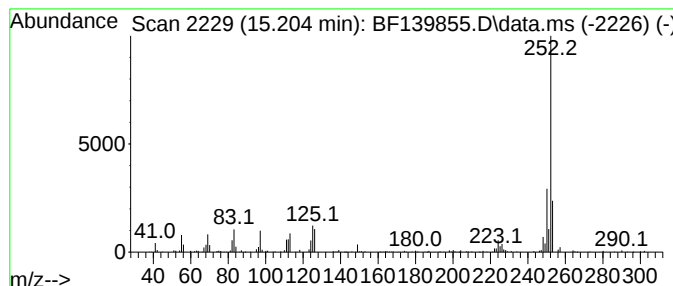
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	7.91 ng	269441	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
5		Perylene	252	C20H12	000198-55-0	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
Acq On : 18 Oct 2024 15:50
Operator : RC/JU
Sample : P4431-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11934

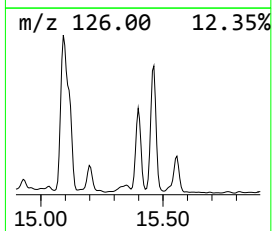
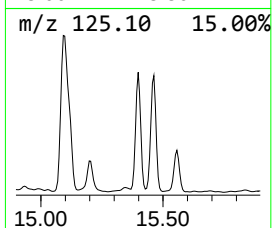
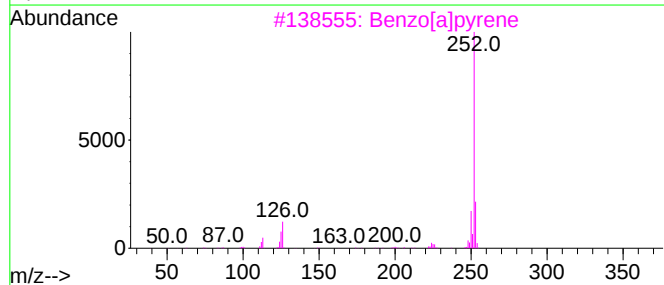
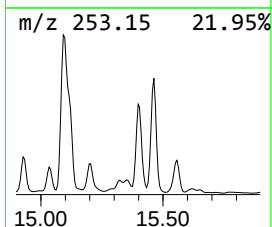
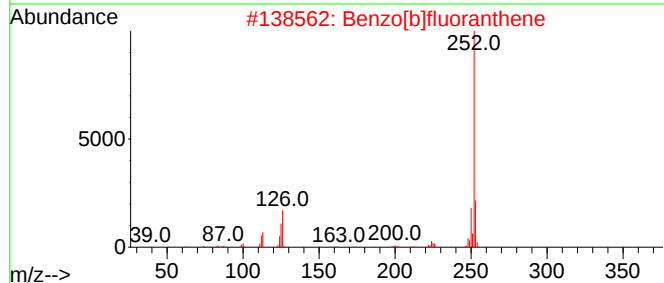
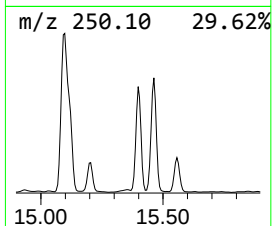
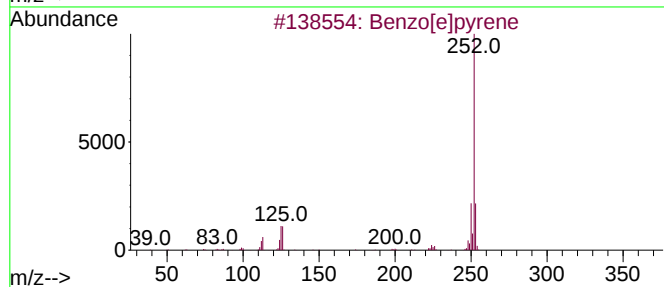
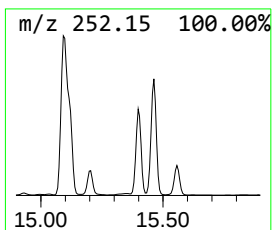
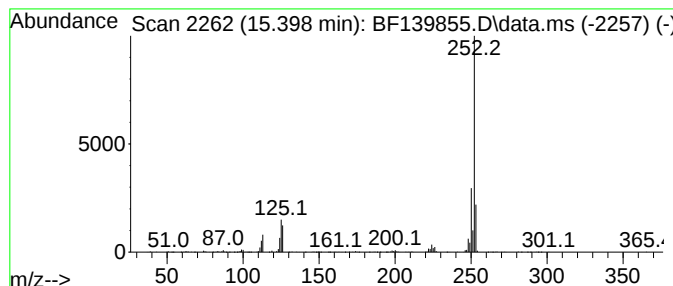
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	15.58 ng	531078	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139855.D
Acq On : 18 Oct 2024 15:50
Operator : RC/JU
Sample : P4431-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11934

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.181	88.6	ng	4148740	1	6.887	936807	20.0
2-Pentanone, 4-...	5.110	6.6	ng	310998	1	6.887	936807	20.0
Pentanedioic ac...	7.698	2.2	ng	124377	2	8.169	1147700	20.0
Benzophenone	10.634	4.2	ng	211781	3	9.922	1015060	20.0
Anthracene, 2-m...	11.910	3.7	ng	175820	4	11.410	945831	20.0
n-Hexadecanoic ...	11.933	13.3	ng	630160	4	11.410	945831	20.0
4H-Cyclopenta[d...	12.022	9.7	ng	458952	4	11.410	945831	20.0
9,10-Anthracene...	12.227	6.6	ng	313207	4	11.410	945831	20.0
Phenanthrene, 2...	12.463	4.0	ng	191607	4	11.410	945831	20.0
unknown12.498	12.498	2.5	ng	117887	4	11.410	945831	20.0
Cyclopenta(def)...	12.545	2.3	ng	107897	4	11.410	945831	20.0
Octadecanoic acid	12.722	3.3	ng	154000	4	11.410	945831	20.0
Pyrene, 1-methyl-	13.069	2.2	ng	280365	5	14.051	2568230	20.0
Fluoranthene, 2...	13.175	3.4	ng	436445	5	14.051	2568230	20.0
Benzo[b]naphtho...	13.798	2.5	ng	323541	5	14.051	2568230	20.0
11H-Benzo[a]flu...	13.892	3.4	ng	441458	5	14.051	2568230	20.0
unknown14.827	14.827	3.8	ng	130121	6	15.527	681632	20.0
Supraene	14.916	7.8	ng	267225	6	15.527	681632	20.0
Benzo[e]pyrene	15.204	7.9	ng	269441	6	15.527	681632	20.0
Perylene	15.398	15.6	ng	531078	6	15.527	681632	20.0