

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136503.D
 Acq On : 11 Dec 2023 21:56
 Operator : CG\JU
 Sample : 05671-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-35

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-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136503.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	10	rVB	552262	581917	19.72%	2.031%
2	2.228	20	24	29	rVB2	35027	44773	1.52%	0.156%
3	3.369	215	218	231	rBV	33775	59343	2.01%	0.207%
4	5.034	496	501	510	rVB	360188	464206	15.73%	1.620%
5	5.440	565	570	573	rBV	2652230	2463509	83.48%	8.598%
6	6.440	734	740	743	rBV	2439131	2414610	81.83%	8.427%
7	6.622	769	771	777	rBV	33793	44848	1.52%	0.157%
8	6.793	796	800	804	rBV	932753	722729	24.49%	2.522%
9	7.357	890	896	899	rBV	1762306	1608120	54.50%	5.613%
10	7.610	936	939	945	rVB	43202	36788	1.25%	0.128%
11	8.069	1012	1017	1020	rBV	1168037	982449	33.29%	3.429%
12	8.387	1068	1071	1086	rBV	60262	102454	3.47%	0.358%
13	9.151	1195	1201	1204	rBV	3405061	2950919	100.00%	10.299%
14	9.686	1287	1292	1295	rBV	64122	55826	1.89%	0.195%
15	9.828	1312	1316	1319	rBV	1270463	1008159	34.16%	3.519%
16	9.857	1319	1321	1325	rVB	50524	40097	1.36%	0.140%
17	9.933	1328	1334	1346	rBV	1302814	1727737	58.55%	6.030%
18	10.028	1347	1350	1355	rVB	42118	41847	1.42%	0.146%
19	10.375	1406	1409	1415	rVB	61076	53801	1.82%	0.188%
20	10.616	1446	1450	1463	rBV	1522779	1400125	47.45%	4.887%
21	11.122	1533	1536	1540	rVB	56319	45796	1.55%	0.160%
22	11.210	1549	1551	1558	rVB	42222	44147	1.50%	0.154%
23	11.316	1565	1569	1571	rBV	983071	855272	28.98%	2.985%
24	11.339	1571	1573	1577	rVV	836007	652809	22.12%	2.278%
25	11.392	1577	1582	1585	rVB	113941	106914	3.62%	0.373%
26	11.551	1606	1609	1611	rBV	51026	36163	1.23%	0.126%
27	11.716	1633	1637	1643	rVB4	35489	46247	1.57%	0.161%
28	11.822	1651	1655	1657	rBV	104022	94587	3.21%	0.330%
29	11.851	1657	1660	1664	rVB	188913	162983	5.52%	0.569%
30	11.933	1670	1674	1676	rBV2	131437	140231	4.75%	0.489%
31	11.957	1676	1678	1681	rVB	74552	59083	2.00%	0.206%
32	12.122	1700	1706	1707	rBV	64595	72184	2.45%	0.252%
33	12.139	1707	1709	1713	rVB	93274	86385	2.93%	0.301%
34	12.374	1746	1749	1752	rBV2	56291	58324	1.98%	0.204%
35	12.410	1752	1755	1757	rVV4	40488	53173	1.80%	0.186%
36	12.457	1760	1763	1768	rVB	70523	70707	2.40%	0.247%

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.533	1771	1776	1780	rBV	979567	831816	28.19%	2.903%
38	12.627	1790	1792	1795	rBV	29781	32406	1.10%	0.113%
39	12.763	1809	1815	1818	rBV	838256	813979	27.58%	2.841%
40	12.816	1821	1824	1829	rVB3	48106	60841	2.06%	0.212%
41	12.886	1832	1836	1837	rBV	49525	53653	1.82%	0.187%
42	12.916	1837	1841	1844	rVV	2202238	1949889	66.08%	6.805%
43	12.986	1848	1853	1856	rBV3	66846	102649	3.48%	0.358%
44	13.069	1864	1867	1869	rBV4	47256	54911	1.86%	0.192%
45	13.092	1869	1871	1874	rVB	91669	85535	2.90%	0.299%
46	13.163	1878	1883	1885	rBV2	49206	53592	1.82%	0.187%
47	13.198	1885	1889	1892	rBV2	96958	94113	3.19%	0.328%
48	13.292	1902	1905	1908	rBV	48566	40823	1.38%	0.142%
49	13.321	1908	1910	1914	rVB	54584	46463	1.57%	0.162%
50	13.498	1934	1940	1943	rBV7	31121	61028	2.07%	0.213%
51	13.604	1955	1958	1963	rVB	97712	88922	3.01%	0.310%
52	13.716	1972	1977	1980	rBV2	83568	111501	3.78%	0.389%
53	13.745	1980	1982	1984	rVV	62261	44926	1.52%	0.157%
54	13.816	1991	1994	1998	rVB	81953	91857	3.11%	0.321%
55	13.886	2000	2006	2012	rVV5	38184	90138	3.05%	0.315%
56	13.969	2015	2020	2023	rVV2	878231	1148869	38.93%	4.010%
57	13.992	2023	2024	2031	rVB	388445	339871	11.52%	1.186%
58	14.074	2033	2038	2040	rBV3	41776	46537	1.58%	0.162%
59	14.357	2083	2086	2089	rVB	75617	73845	2.50%	0.258%
60	14.392	2089	2092	2096	rVB2	61107	62278	2.11%	0.217%
61	14.451	2099	2102	2105	rVB2	53382	46435	1.57%	0.162%
62	14.557	2118	2120	2127	rVB4	30338	39687	1.34%	0.139%
63	14.745	2149	2152	2157	rBV3	33623	62023	2.10%	0.216%
64	14.839	2164	2168	2173	rBV4	50377	93923	3.18%	0.328%
65	15.016	2193	2198	2201	rBV	384109	584364	19.80%	2.040%
66	15.127	2214	2217	2221	rVB	66311	73757	2.50%	0.257%
67	15.321	2246	2250	2256	rVB	231340	296569	10.05%	1.035%
68	15.386	2256	2261	2267	rBV	314820	385292	13.06%	1.345%
69	15.451	2267	2272	2275	rVV	546682	681380	23.09%	2.378%
70	15.480	2275	2277	2284	rVB2	94696	136500	4.63%	0.476%
71	16.615	2466	2470	2473	rBV5	31569	43130	1.46%	0.151%
72	16.945	2520	2526	2535	rVB2	120870	268027	9.08%	0.935%
73	17.392	2597	2602	2612	rVB	87786	171486	5.81%	0.599%

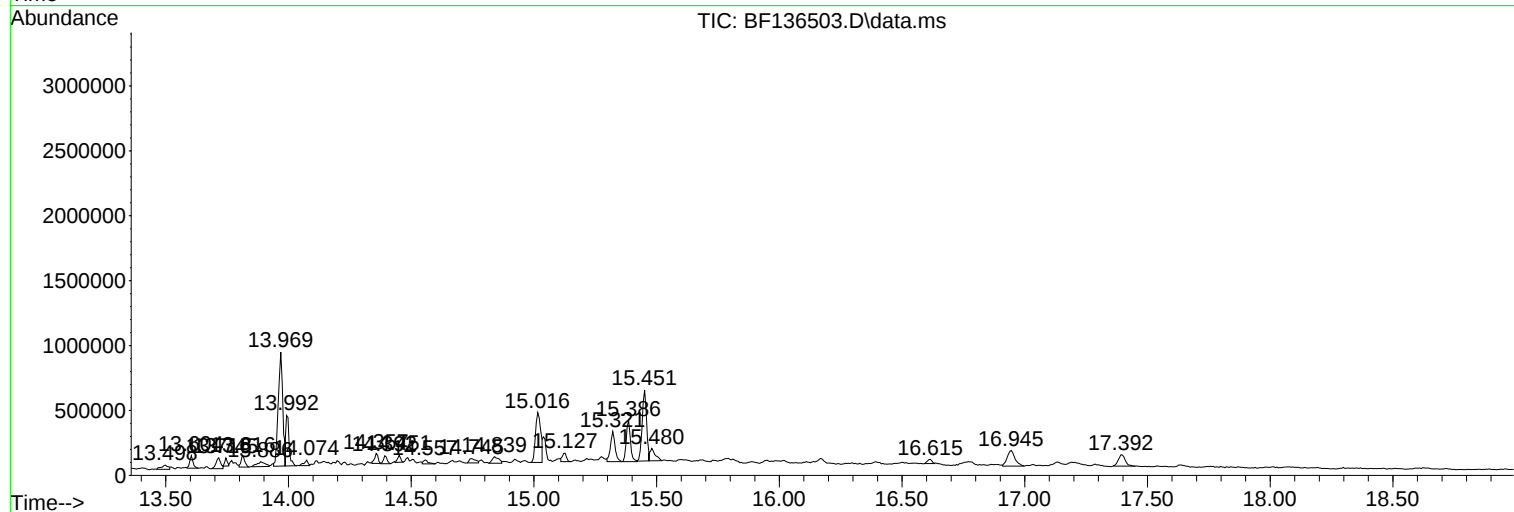
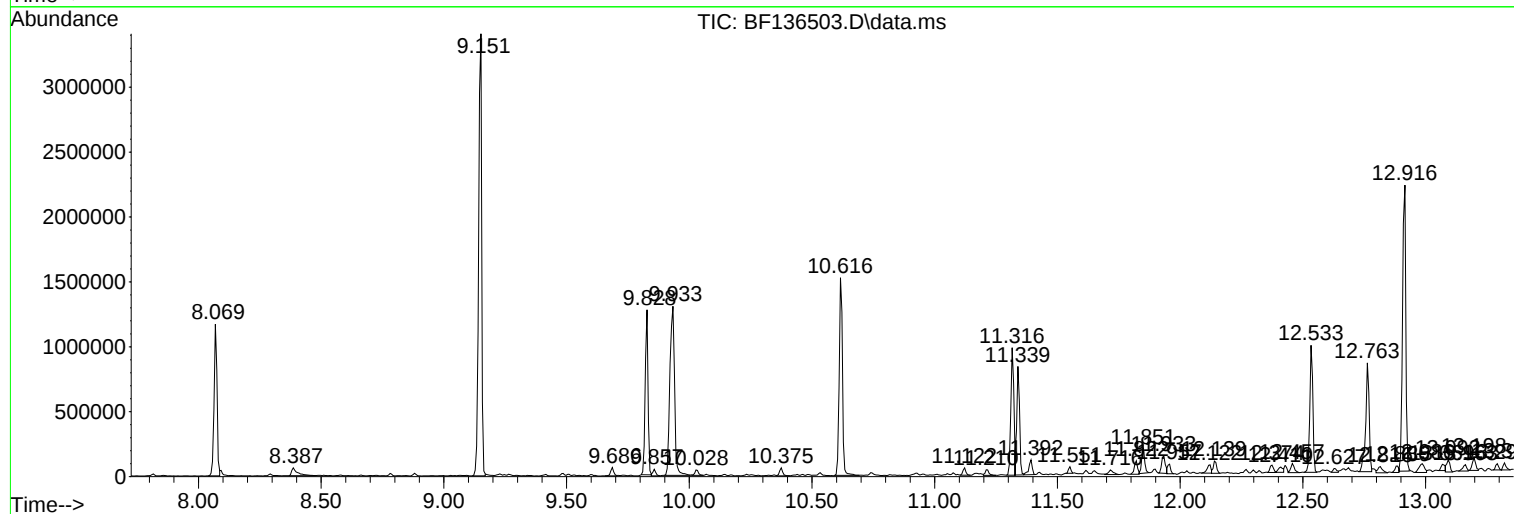
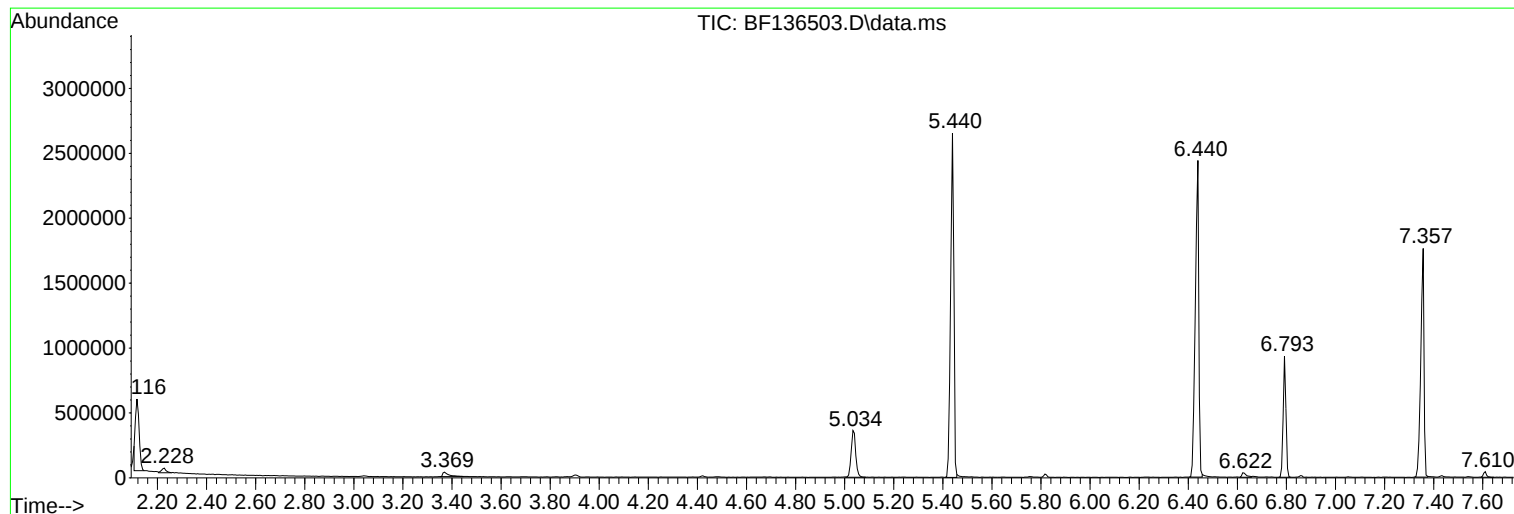
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : CG\JU
Sample : 05671-05
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-35

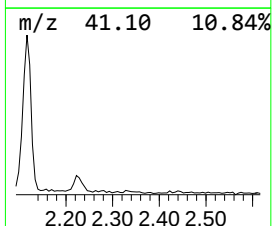
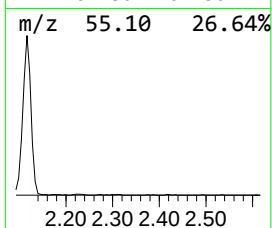
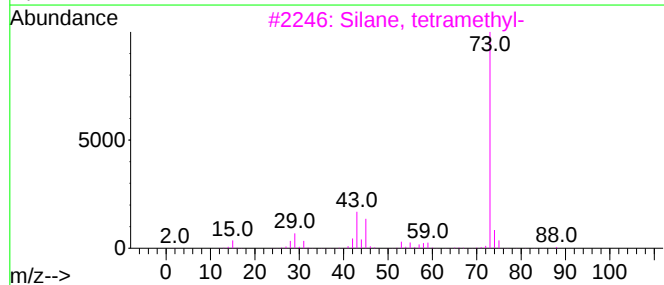
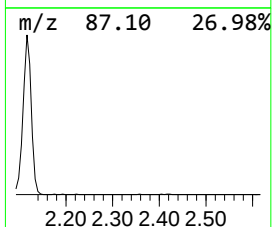
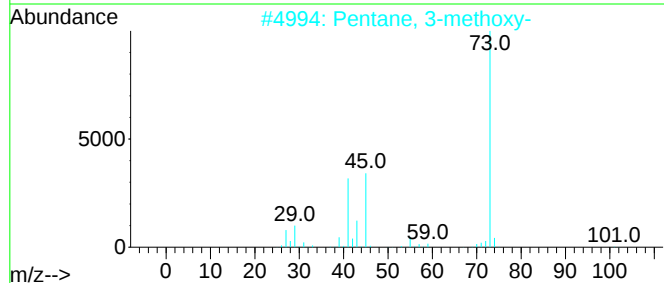
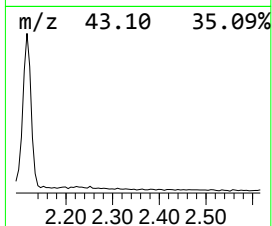
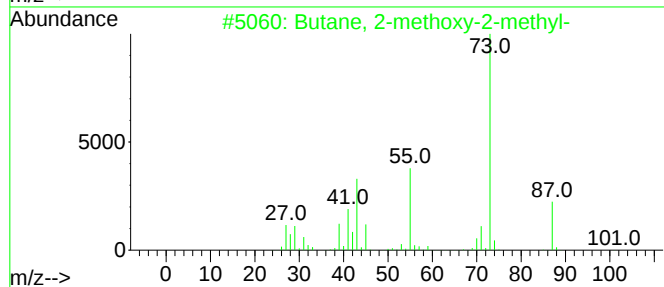
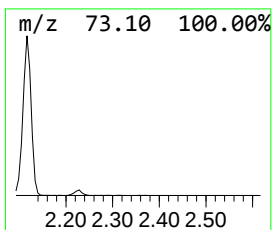
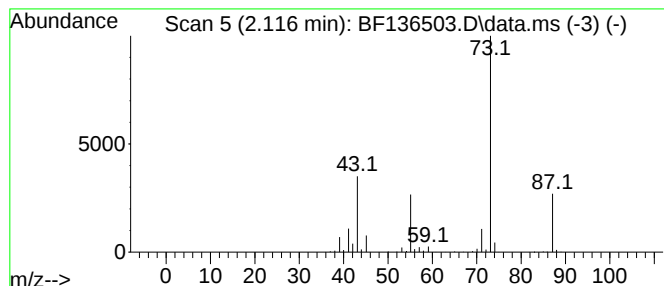
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	16.10 ng	581917	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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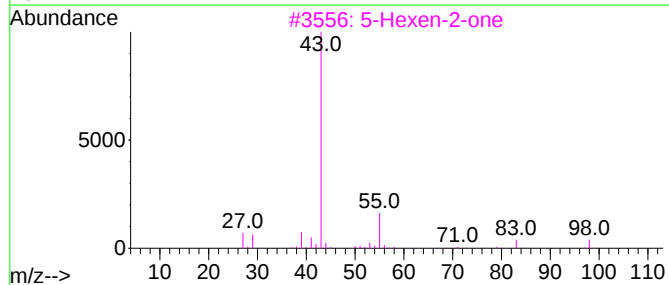
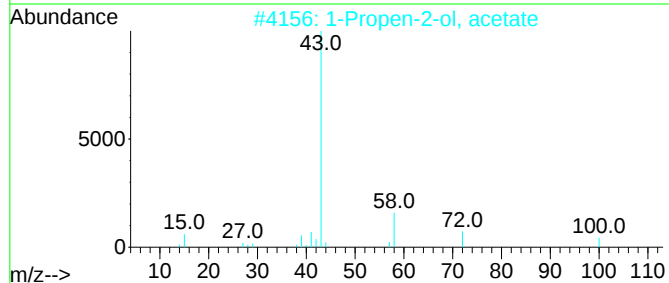
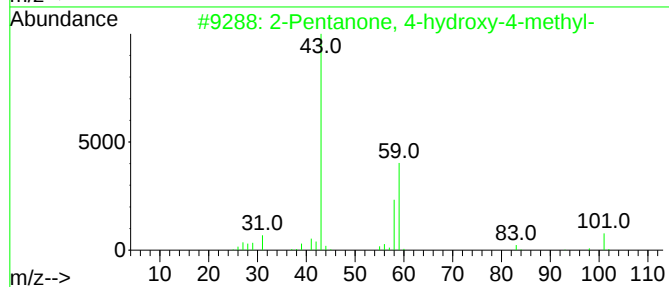
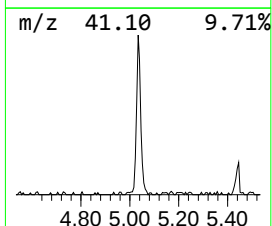
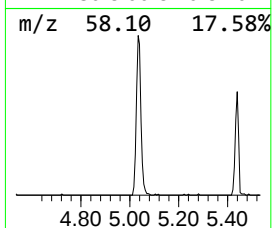
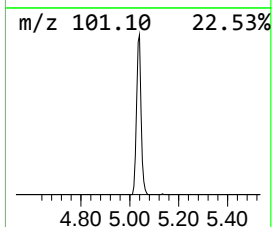
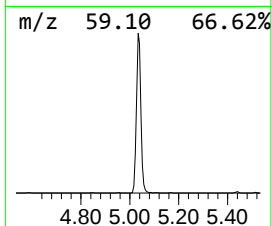
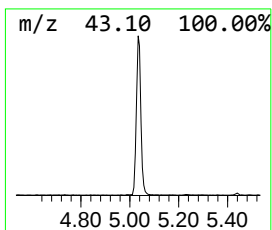
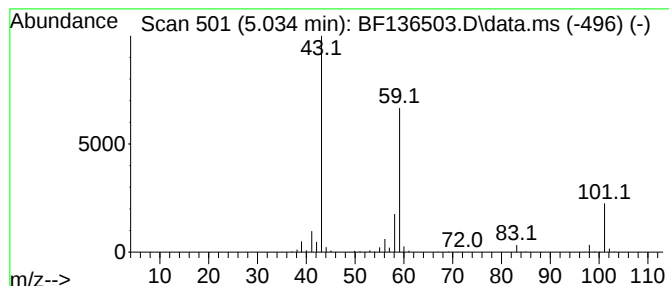
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	12.85 ng	464206	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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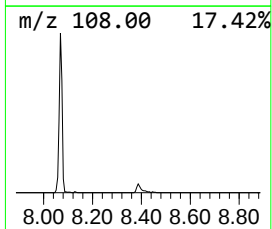
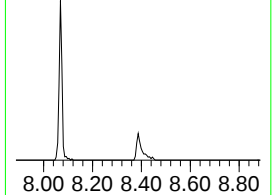
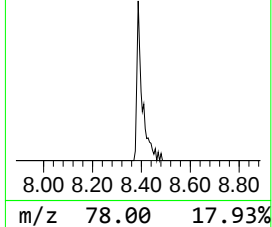
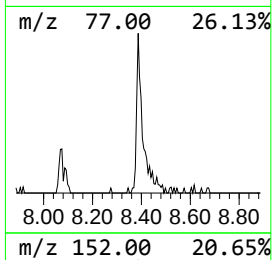
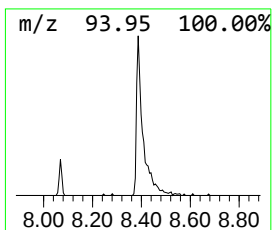
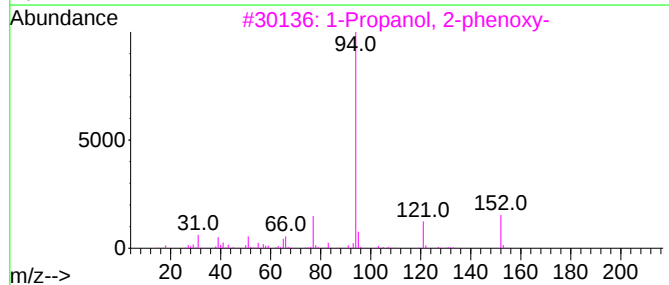
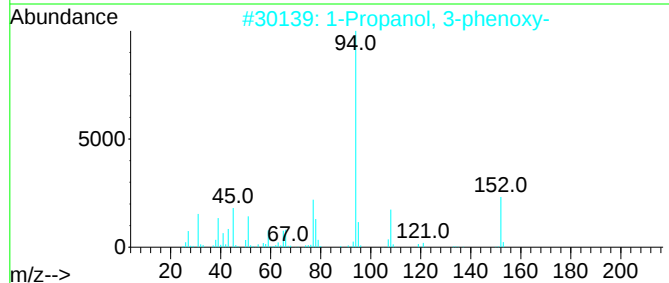
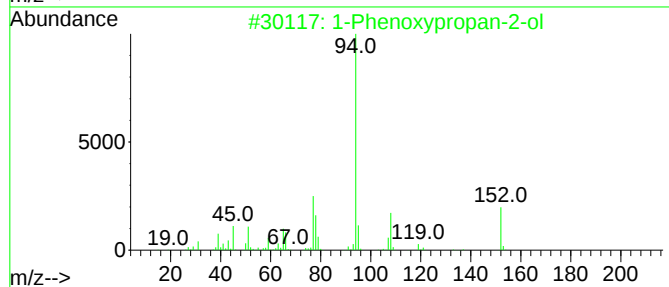
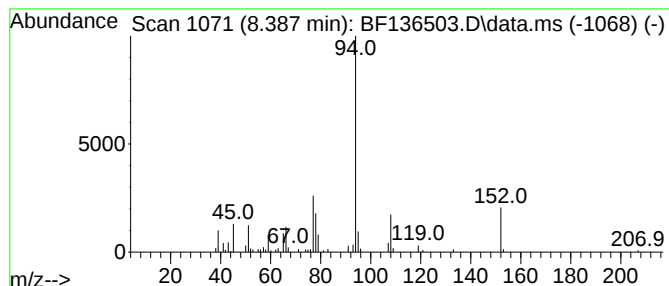
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.387	2.09 ng	102454	Naphthalene-d8	8.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	97
2		1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
3		1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
4		Benzene, propoxy-	136	C9H12O	000622-85-5	53
5		2-Aminopyridine	94	C5H6N2	000504-29-0	47



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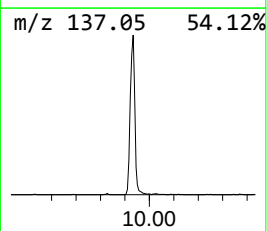
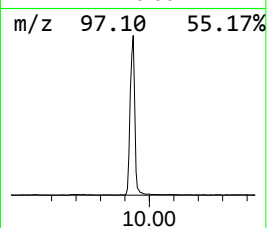
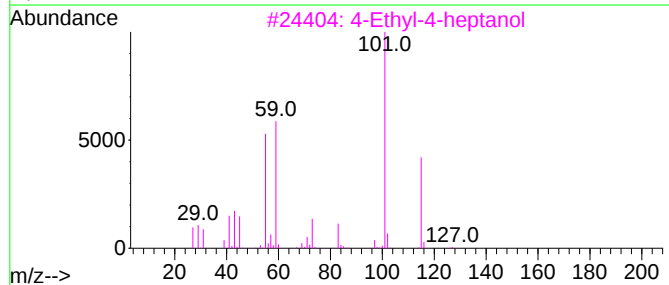
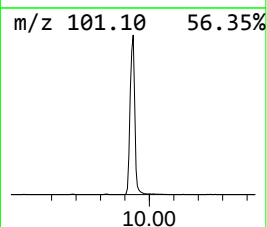
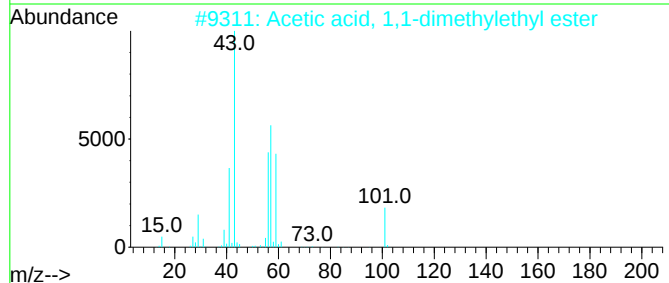
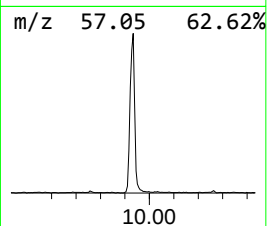
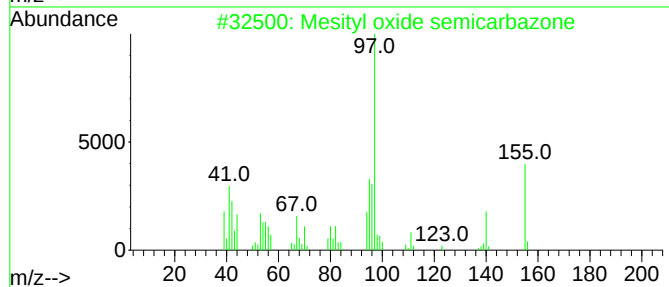
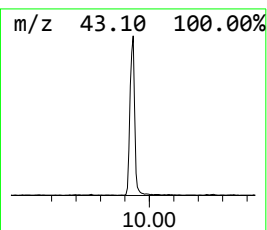
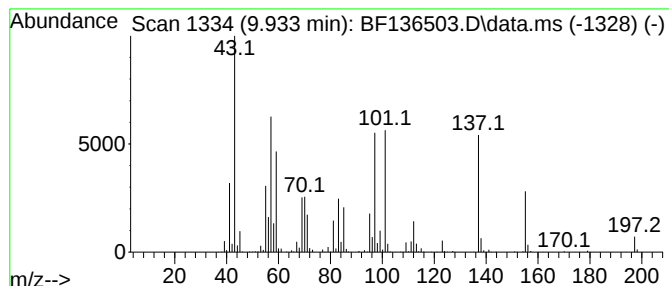
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.933 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.933	34.28 ng	1727740	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesityl oxide semicarbazone	155	C7H13N3O	003780-62-9	22
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	22
3			4-Ethyl-4-heptanol	144	C9H20O	000597-90-0	22
4			Acetic acid, cyano(hydroxyimino)...	170	C7H10N2O3	076101-98-9	14
5			Acetaldehyde, 2-butenylhydrazone	112	C6H12N2	075268-07-4	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136503.D
Acq On : 11 Dec 2023 21:56
Operator : CG\JU
Sample : 05671-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-35

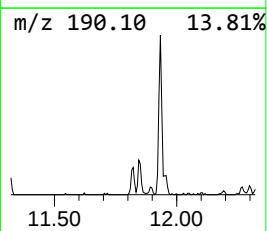
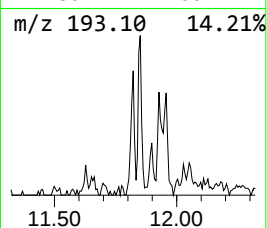
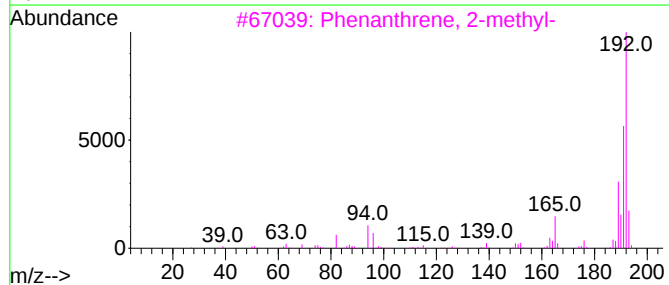
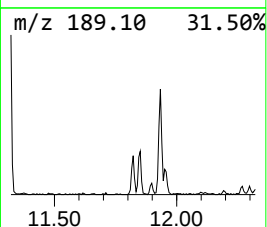
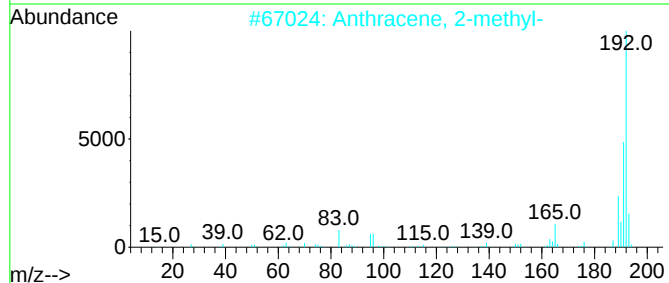
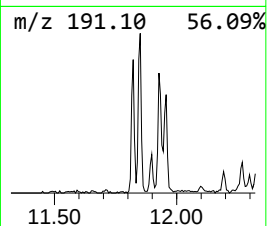
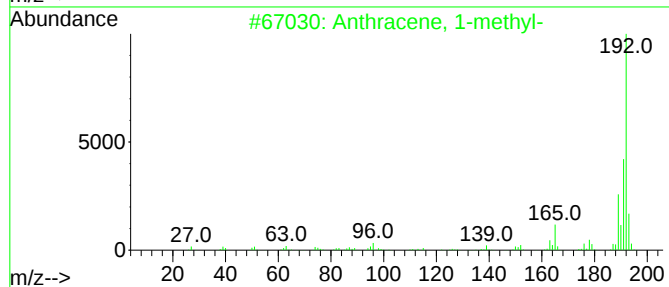
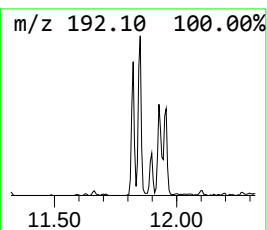
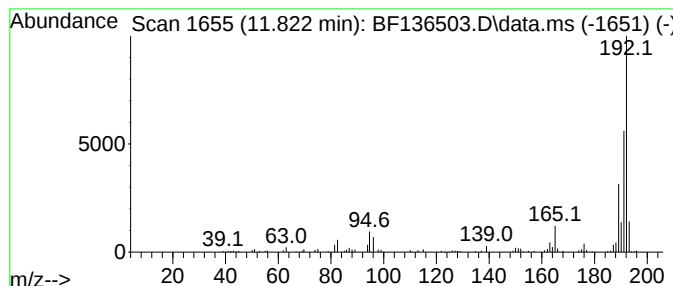
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	2.21 ng	94587	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136503.D
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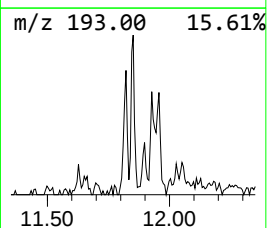
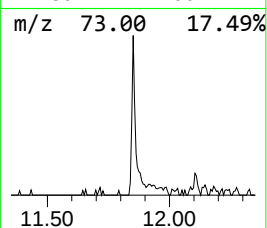
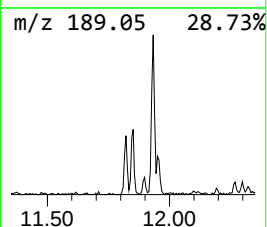
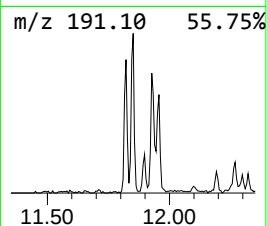
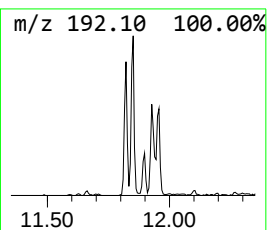
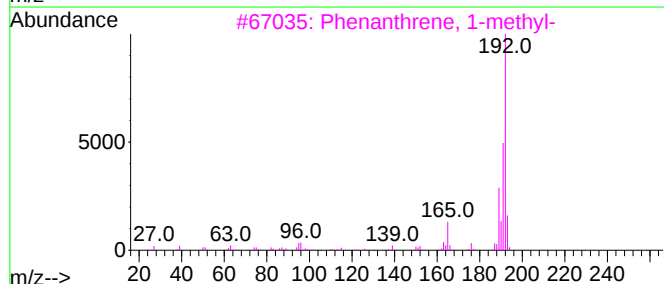
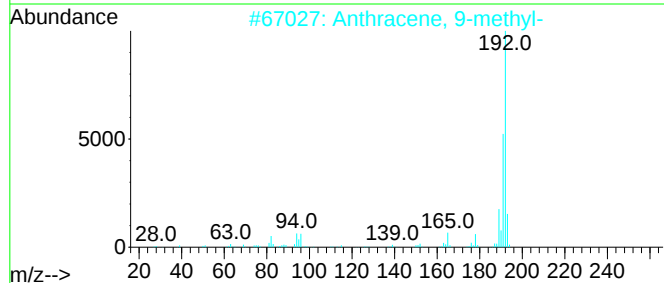
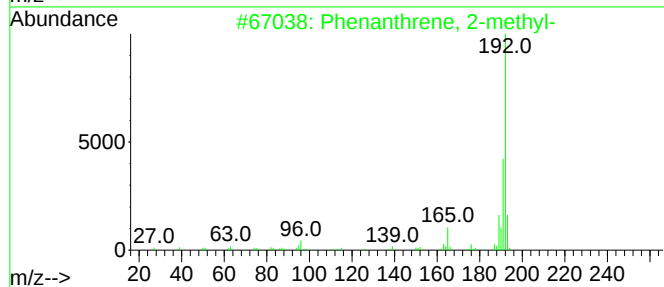
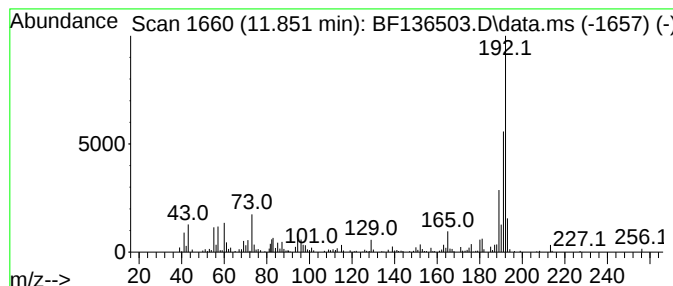
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.81 ng	162983	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136503.D
Acq On : 11 Dec 2023 21:56
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Sample : 05671-05
Misc :
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ClientSampleId :
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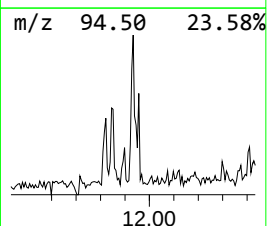
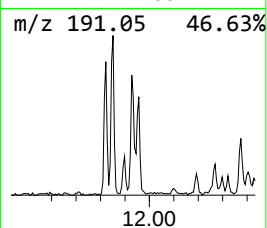
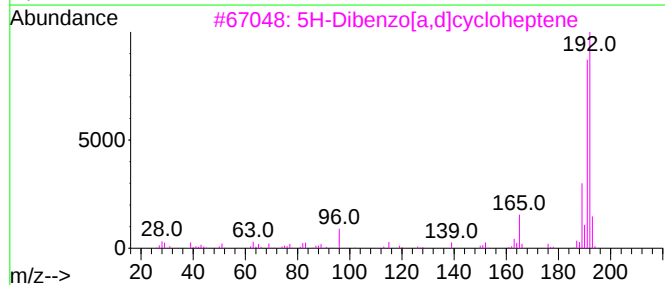
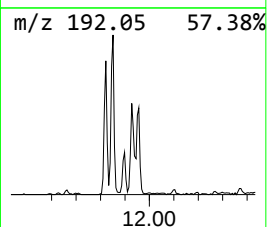
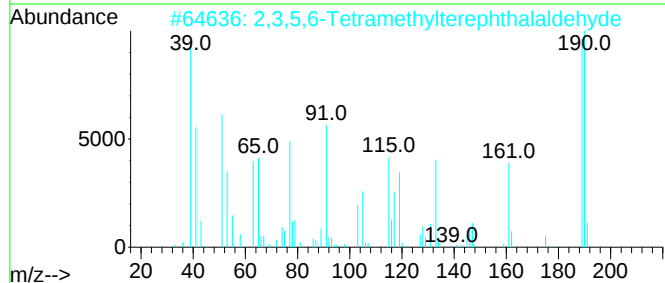
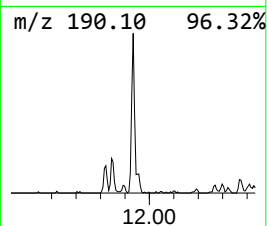
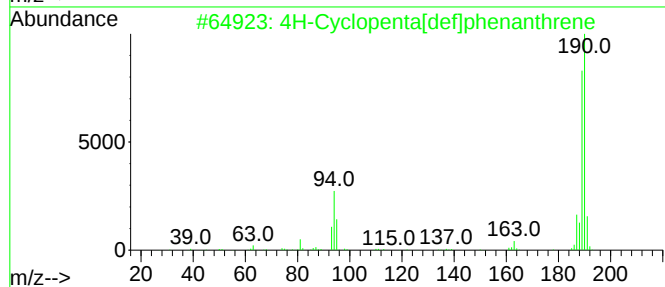
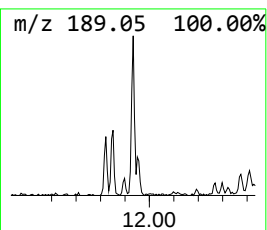
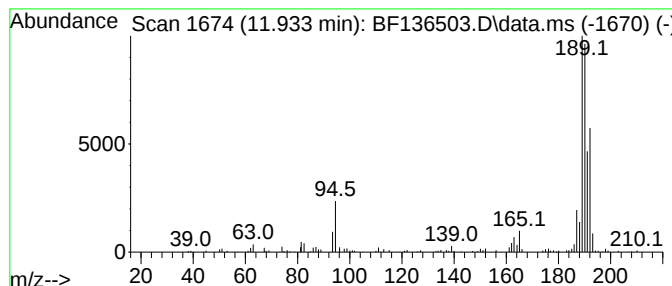
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	3.28 ng	140231	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
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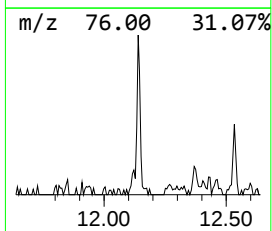
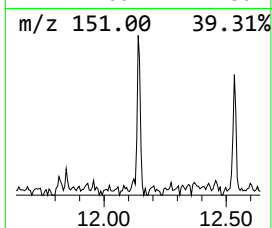
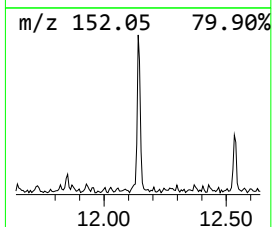
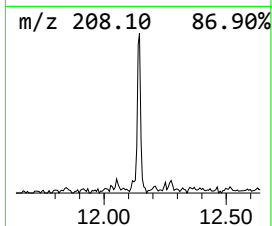
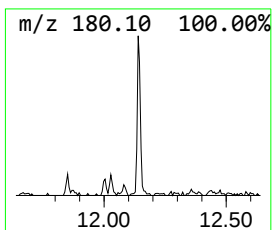
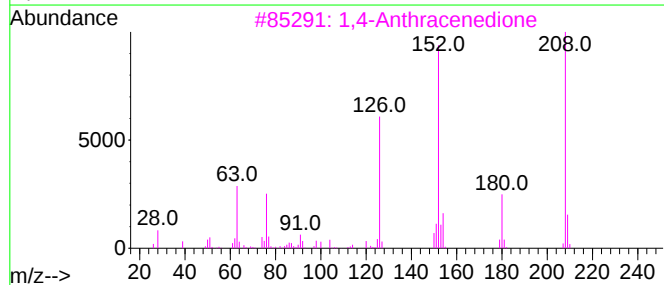
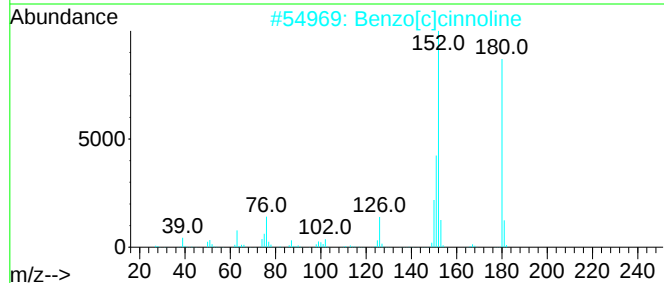
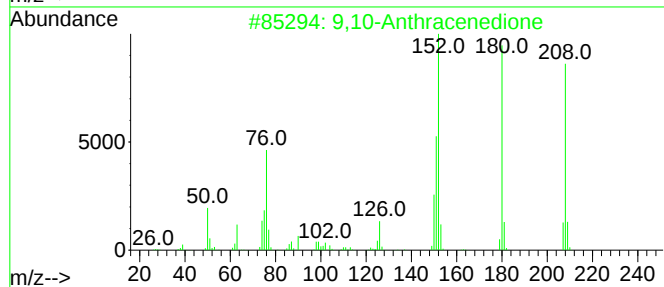
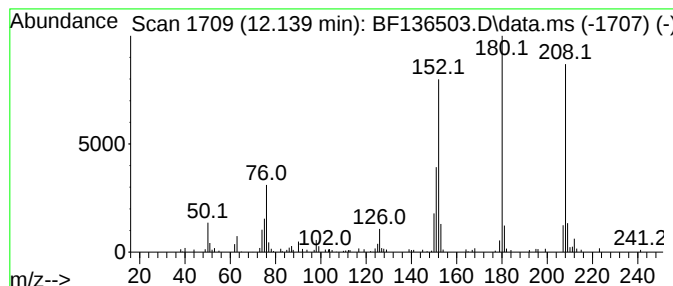
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	2.02 ng	86385	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3		1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
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ClientSampleId :
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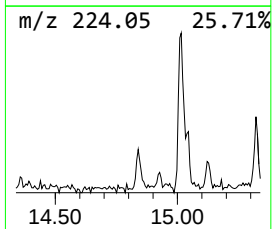
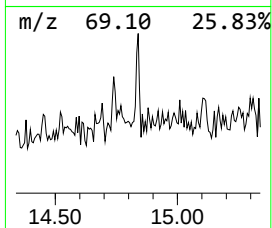
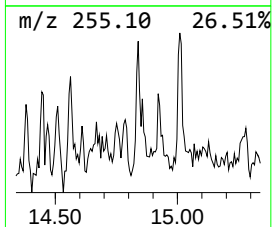
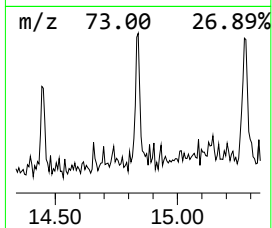
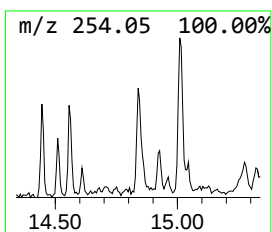
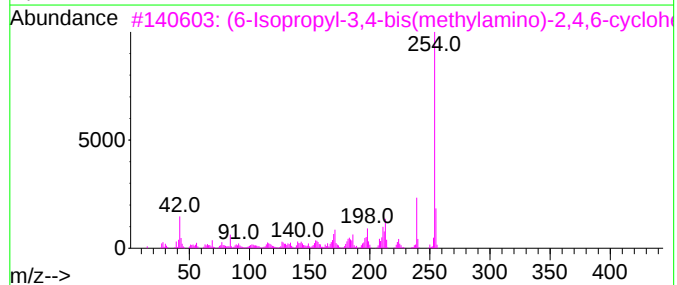
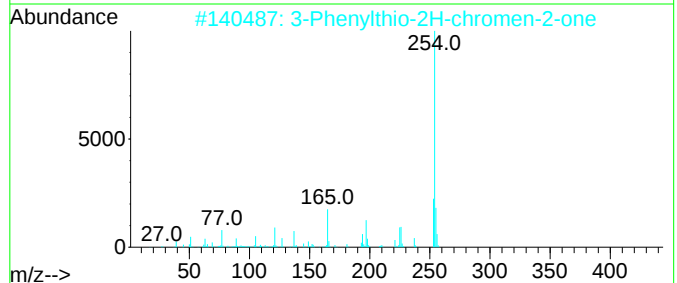
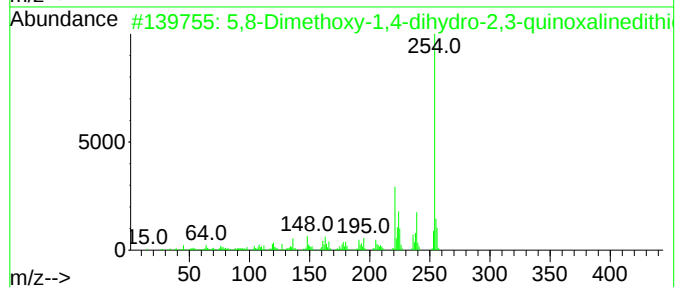
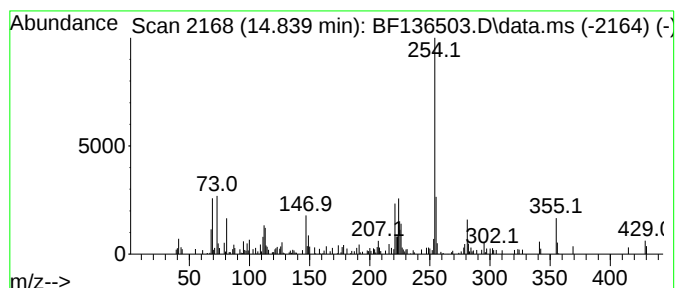
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.839 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	2.76 ng	93923	Perylene-d12	15.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	49	
2	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	43	
3	(6-Isopropyl-3,4-bis(methylamino...	254	C15H18N4	014203-76-0	43	
4	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	43	
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	38	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
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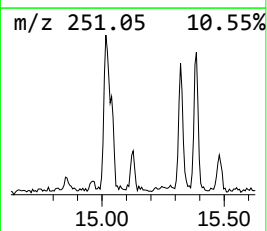
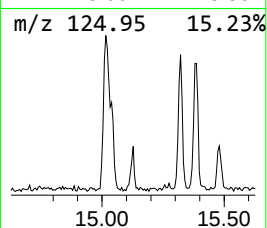
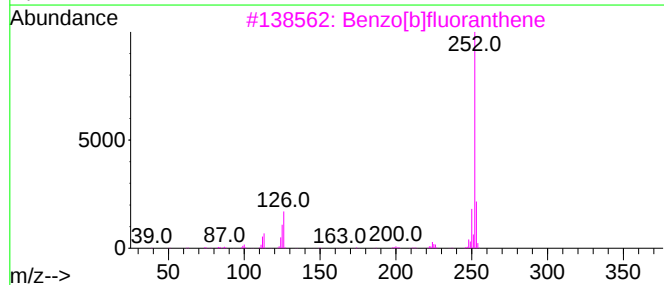
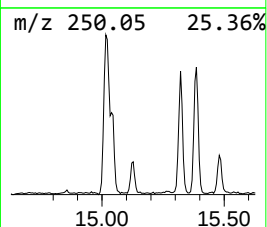
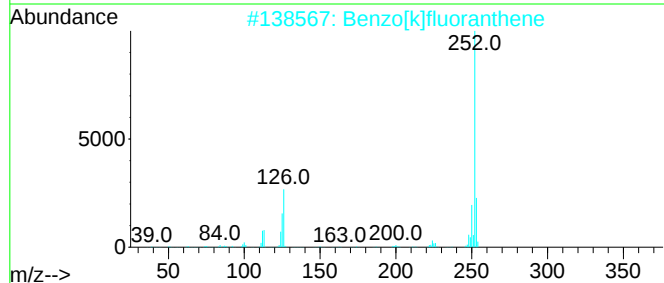
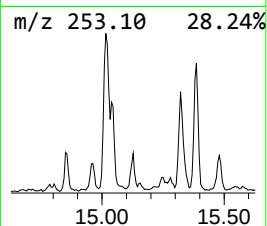
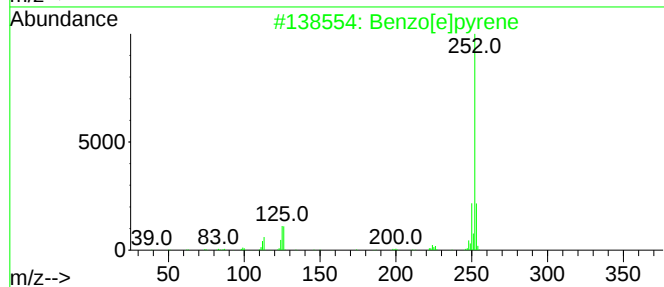
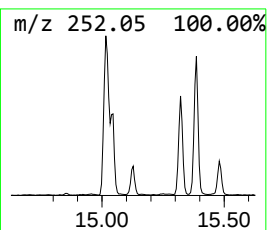
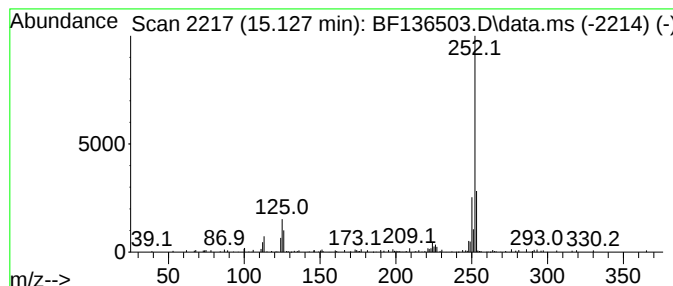
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	2.16 ng	73757	Perylene-d12	15.451

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	95
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-35

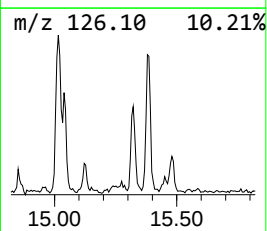
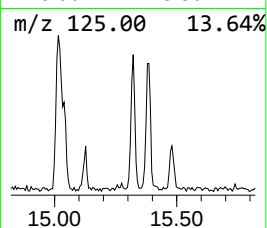
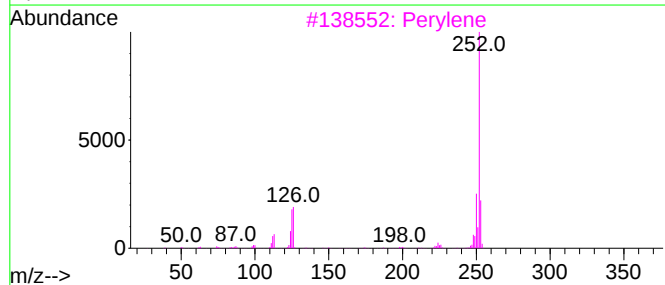
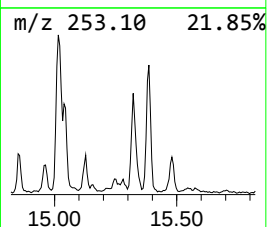
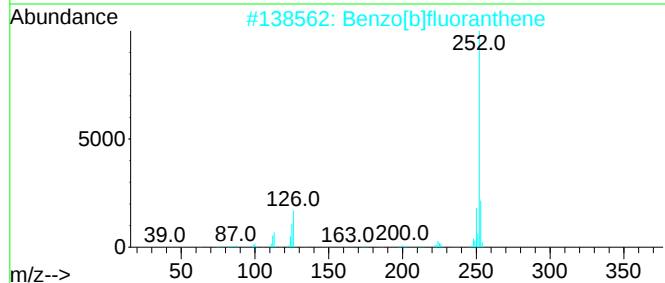
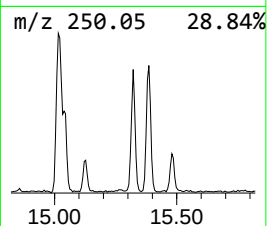
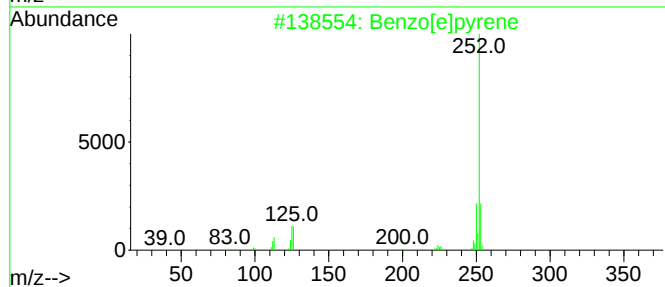
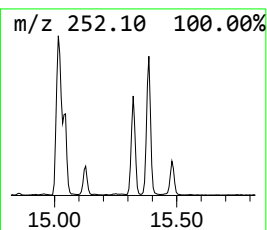
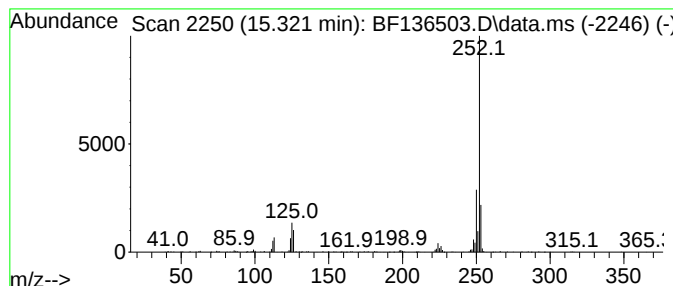
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	8.70 ng	296569	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136503.D
Acq On : 11 Dec 2023 21:56
Operator : CG\JU
Sample : 05671-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-35

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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...	2.116	16.1	ng	581917	1	6.793	722729	20.0
2-Pentanone, 4-...	5.034	12.9	ng	464206	1	6.793	722729	20.0
1-Phenoxypropan...	8.387	2.1	ng	102454	2	8.069	982449	20.0
unknown9.933	9.933	34.3	ng	1727740	3	9.828	1008160	20.0
Anthracene, 1-m...	11.822	2.2	ng	94587	4	11.316	855272	20.0
Phenanthrene, 2...	11.851	3.8	ng	162983	4	11.316	855272	20.0
4H-Cyclopenta[d...	11.933	3.3	ng	140231	4	11.316	855272	20.0
9,10-Anthracene...	12.139	2.0	ng	86385	4	11.316	855272	20.0
unknown14.839	14.839	2.8	ng	93923	6	15.451	681380	20.0
Benzo[e]pyrene	15.127	2.2	ng	73757	6	15.451	681380	20.0
Perylene	15.321	8.7	ng	296569	6	15.451	681380	20.0