

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143730.D
 Acq On : 12 Sep 2025 13:44
 Operator : RC/JU
 Sample : Q3082-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-29

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-BF091025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143730.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.999	302	307	312	rVB	7229	10464	1.92%	0.190%
2	5.110	487	496	502	rBB	31759	49758	9.14%	0.902%
3	5.504	558	563	569	rBV	353917	477465	87.72%	8.656%
4	6.510	728	734	739	rBV	320715	427437	78.53%	7.749%
5	6.892	794	799	804	rBB	143489	174738	32.10%	3.168%
6	7.451	887	894	898	rBV	233601	295805	54.35%	5.363%
7	8.175	1008	1017	1024	rBV	178011	234014	42.99%	4.242%
8	8.598	1084	1089	1095	rVB	3991	5866	1.08%	0.106%
9	8.763	1113	1117	1124	rBV	4993	6521	1.20%	0.118%
10	8.886	1131	1138	1142	rBV2	6785	8276	1.52%	0.150%
11	8.986	1149	1155	1160	rVB	5401	6739	1.24%	0.122%
12	9.251	1194	1200	1205	rBV	428922	544304	100.00%	9.868%
13	9.328	1209	1213	1221	rVB2	5074	8160	1.50%	0.148%
14	9.586	1251	1257	1260	rVV2	5289	7692	1.41%	0.139%
15	9.645	1264	1267	1274	rVB3	4587	7285	1.34%	0.132%
16	9.792	1288	1292	1296	rBV2	4439	5705	1.05%	0.103%
17	9.857	1296	1303	1309	rVV5	3845	8409	1.54%	0.152%
18	9.933	1309	1316	1320	rVV	168977	225484	41.43%	4.088%
19	9.963	1320	1321	1325	rVB	9230	6615	1.22%	0.120%
20	10.133	1346	1350	1354	rVB	6354	7929	1.46%	0.144%
21	10.345	1381	1386	1392	rVB4	3756	9134	1.68%	0.166%
22	10.475	1404	1408	1413	rBV2	7851	10434	1.92%	0.189%
23	10.645	1432	1437	1442	rBV	35060	46228	8.49%	0.838%
24	10.716	1444	1449	1454	rVV	213263	268695	49.36%	4.871%
25	10.845	1466	1471	1479	rVB2	11698	19562	3.59%	0.355%
26	11.280	1540	1545	1548	rVV5	5203	9666	1.78%	0.175%
27	11.316	1548	1551	1556	rVB2	9358	12388	2.28%	0.225%
28	11.422	1564	1569	1571	rBV	150925	216460	39.77%	3.924%
29	11.492	1577	1581	1585	rBV	14362	16153	2.97%	0.293%
30	11.645	1602	1607	1615	rBV2	6379	16434	3.02%	0.298%
31	11.710	1615	1618	1623	rVB5	4996	7093	1.30%	0.129%
32	11.874	1642	1646	1649	rBV3	7291	11223	2.06%	0.203%
33	11.945	1649	1658	1664	rVV2	80443	133423	24.51%	2.419%
34	12.033	1669	1673	1681	rVB	18189	35482	6.52%	0.643%
35	12.122	1681	1688	1691	rBV6	7583	16120	2.96%	0.292%
36	12.216	1701	1704	1712	rVB2	9929	21824	4.01%	0.396%

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Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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37	12.469	1744	1747	1751	rBV2	8407	10495	1.93%	0.190%
38	12.510	1751	1754	1759	rVB5	6961	9753	1.79%	0.177%
39	12.557	1759	1762	1767	rVB4	7149	9029	1.66%	0.164%
40	12.633	1770	1775	1779	rBV	113602	148817	27.34%	2.698%
41	12.733	1788	1792	1799	rBV5	15795	26503	4.87%	0.480%
42	12.863	1807	1814	1820	rBV	98862	150038	27.57%	2.720%
43	13.004	1833	1838	1845	rVB	386481	505487	92.87%	9.164%
44	13.080	1847	1851	1859	rVV5	10801	22353	4.11%	0.405%
45	13.292	1884	1887	1892	rVB	12974	16155	2.97%	0.293%
46	13.416	1906	1908	1912	rBV3	6552	7904	1.45%	0.143%
47	13.927	1992	1995	2000	rVB	29426	43652	8.02%	0.791%
48	14.057	2011	2017	2028	rVB2	207516	397389	73.01%	7.204%
49	14.533	2095	2098	2101	rBV5	11376	15750	2.89%	0.286%
50	15.104	2190	2195	2204	rBV	74912	177699	32.65%	3.221%
51	15.186	2205	2209	2212	rBV	17134	25846	4.75%	0.469%
52	15.415	2243	2248	2253	rVB	45998	70902	13.03%	1.285%
53	15.474	2254	2258	2264	rVB	53516	79938	14.69%	1.449%
54	15.545	2264	2270	2282	rVB	159749	290827	53.43%	5.272%
55	16.027	2348	2352	2357	rVB3	14002	22095	4.06%	0.401%
56	17.033	2517	2523	2531	rVB2	29167	66563	12.23%	1.207%
57	17.486	2593	2600	2606	rVB2	23674	49929	9.17%	0.905%

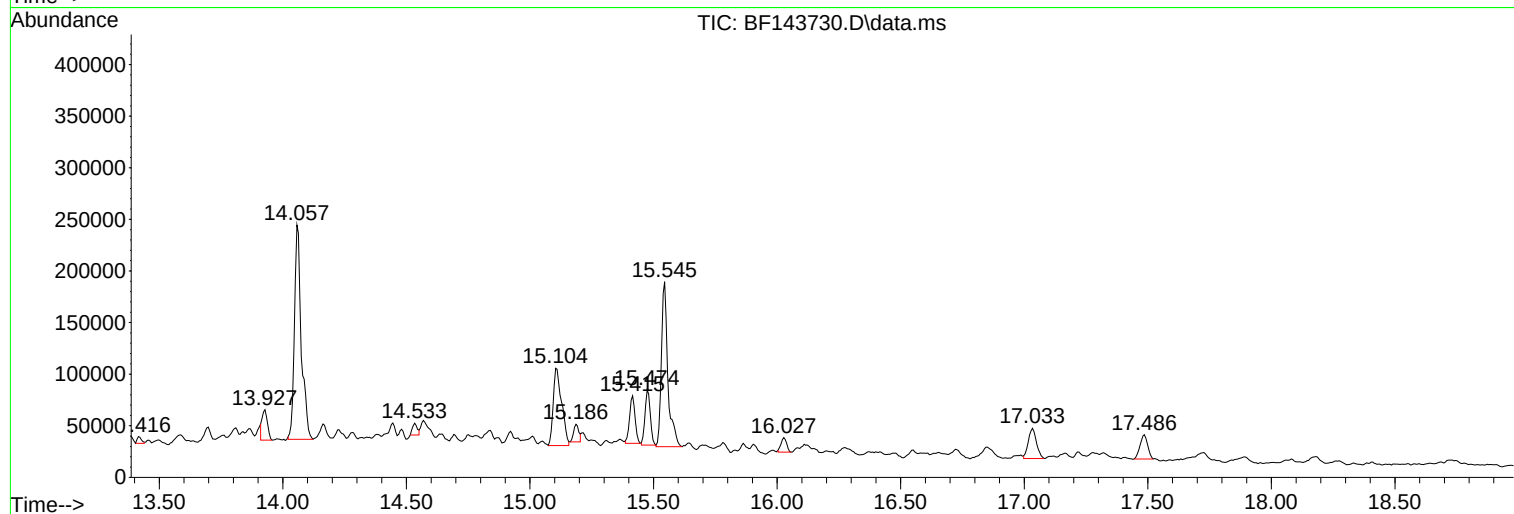
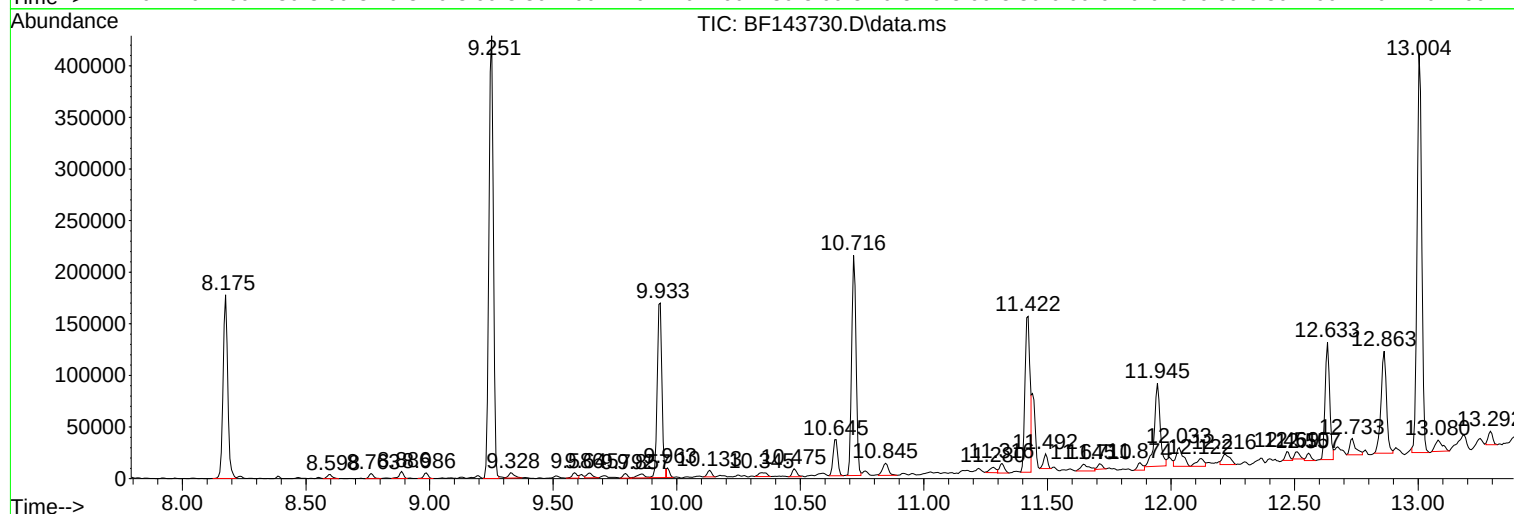
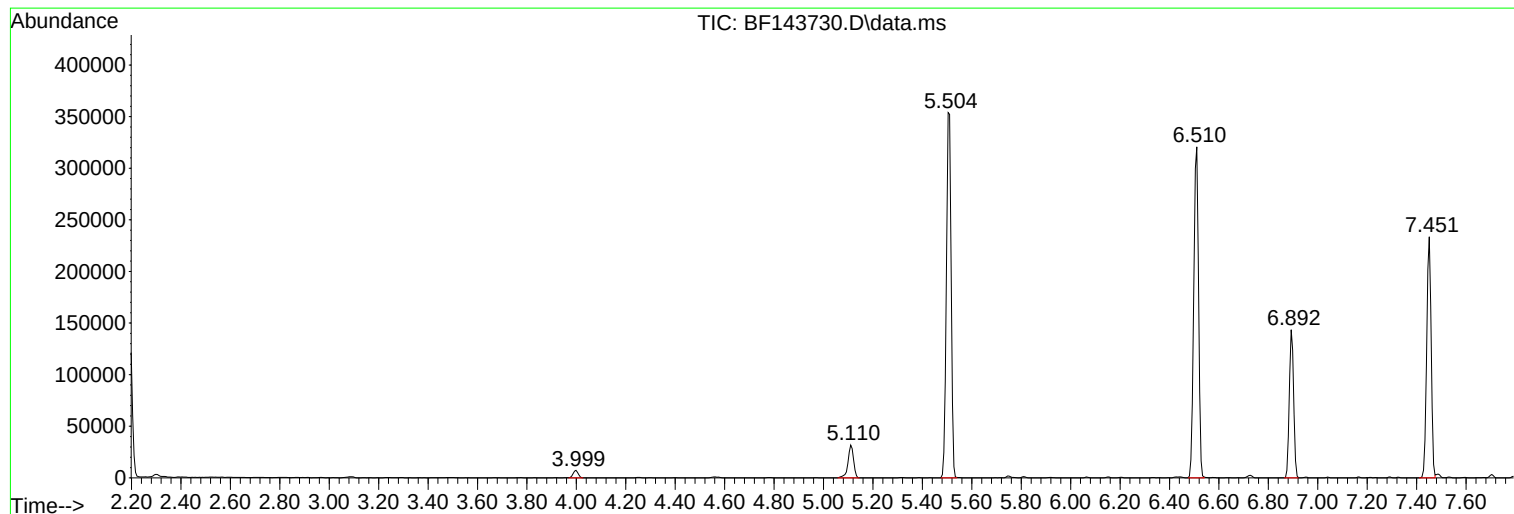
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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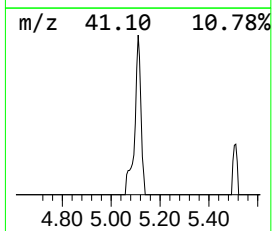
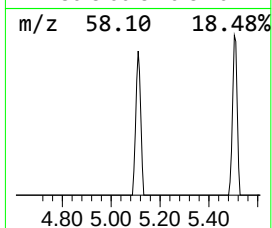
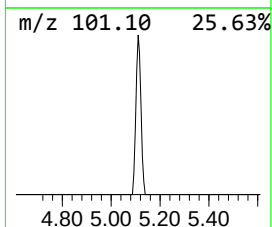
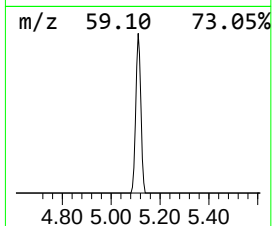
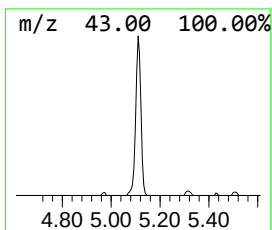
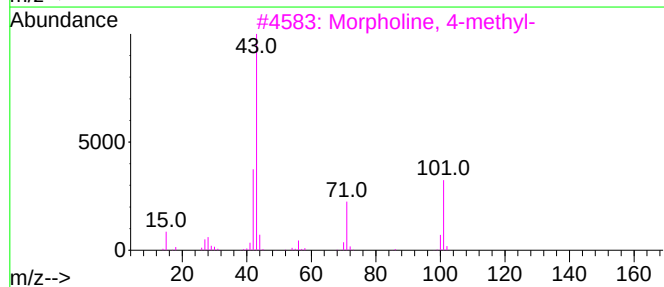
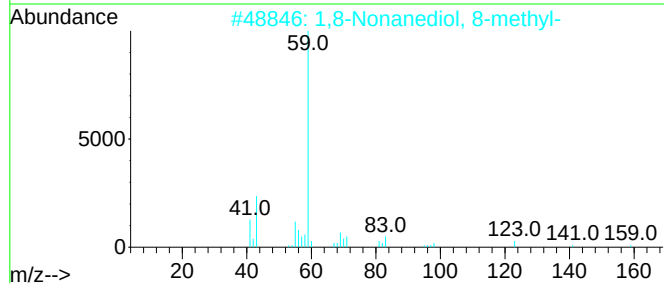
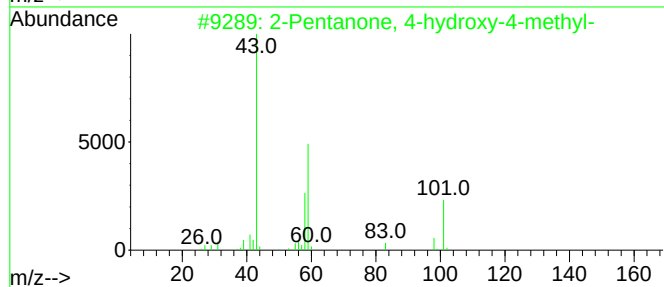
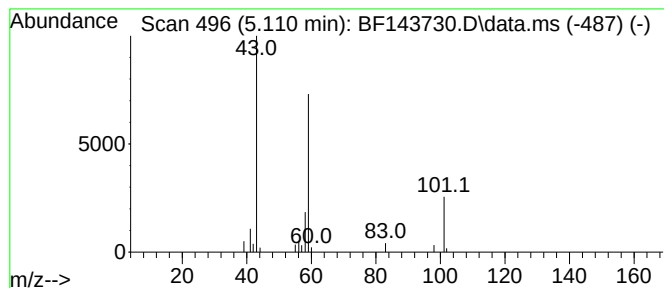
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	5.70 ng	49758	1,4-Dichlorobenzene-d4	6.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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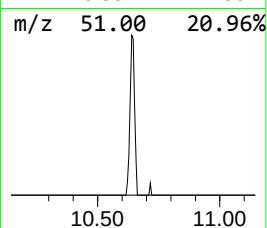
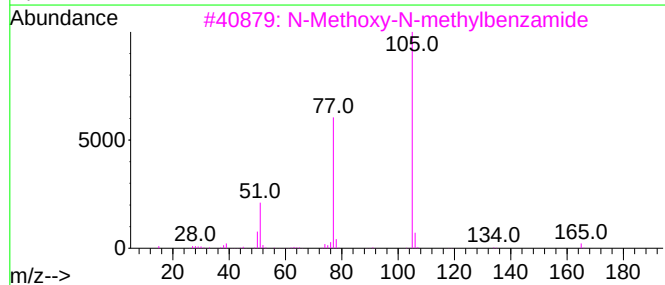
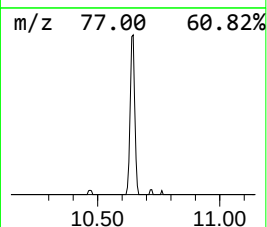
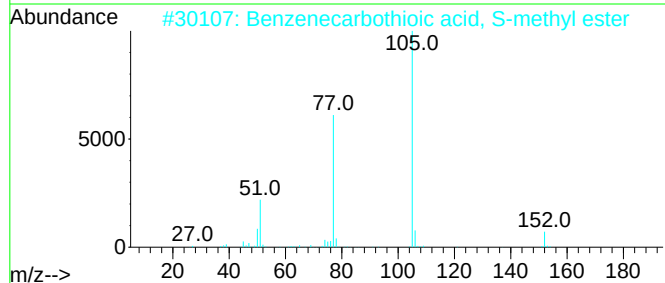
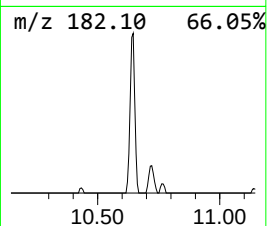
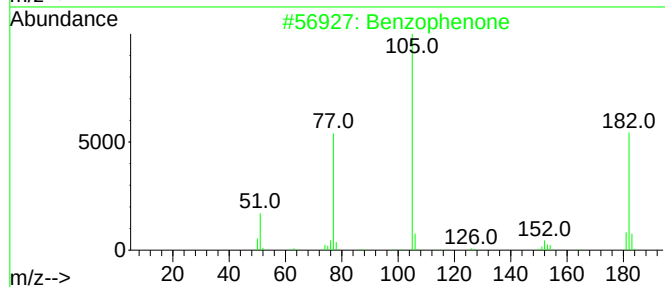
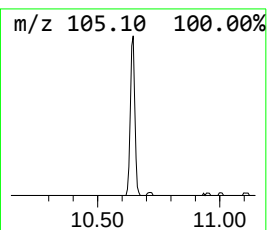
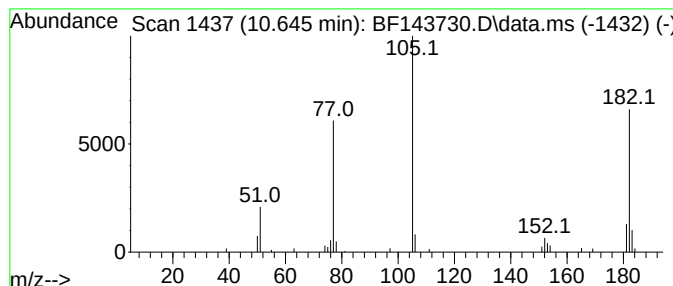
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	4.10 ng	46228	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43
4			Methyl benzilate	242	C15H14O3	000076-89-1	43
5			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	38



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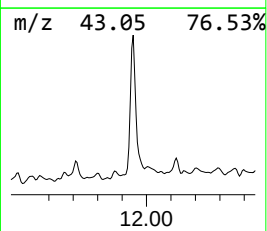
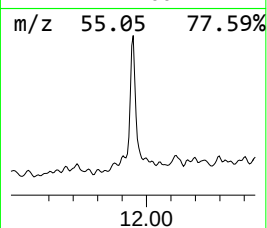
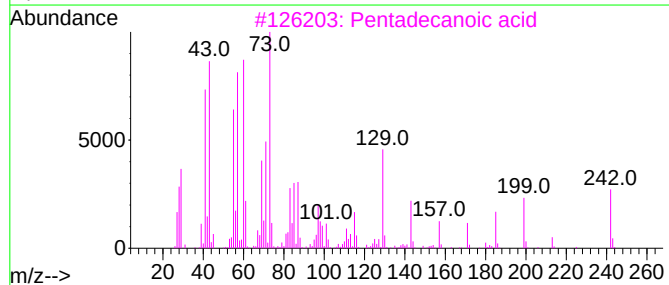
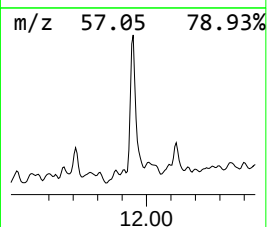
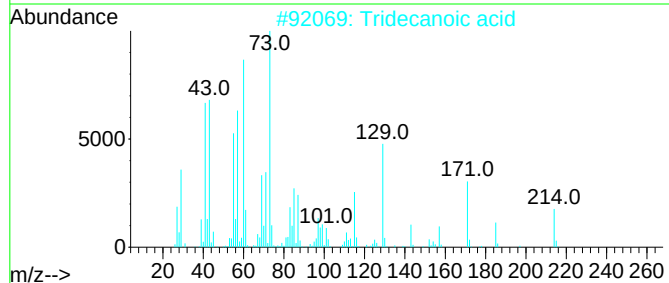
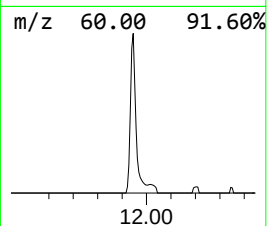
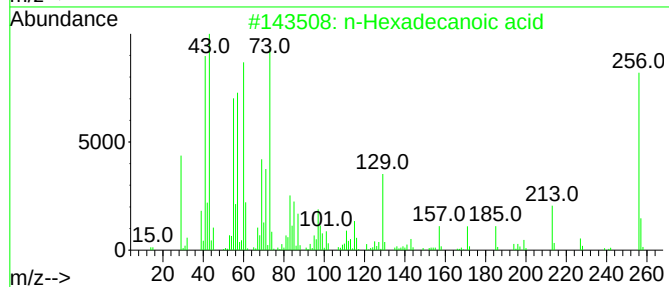
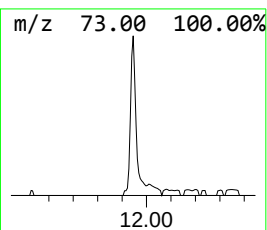
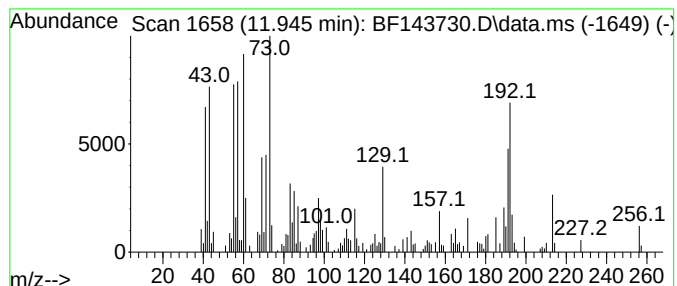
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.945	12.33 ng	133423	Phenanthrene-d10		11.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	55
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	49
5	Decanoic acid, silver(1+) salt		278	C10H19AgO2	013126-67-5	46



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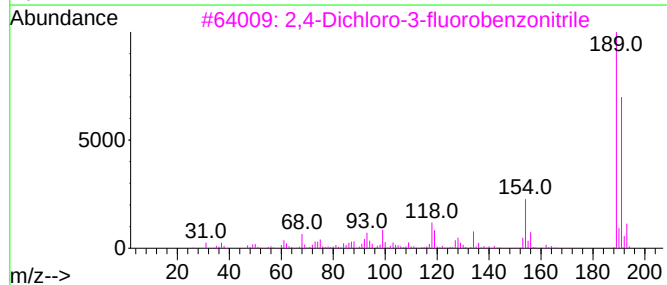
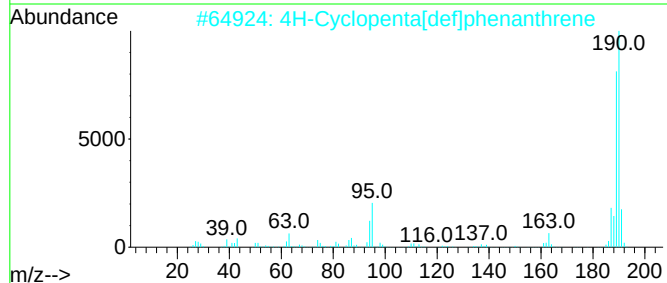
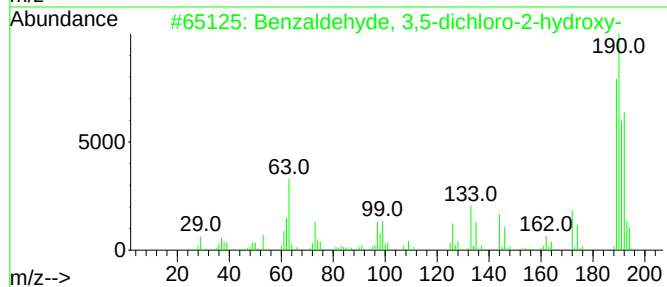
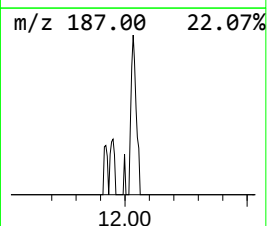
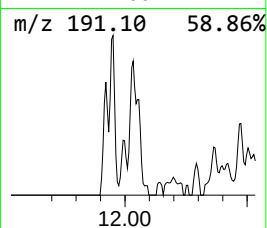
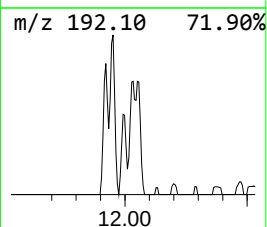
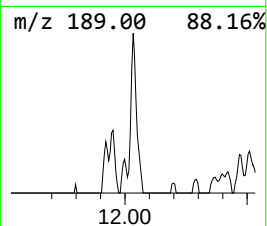
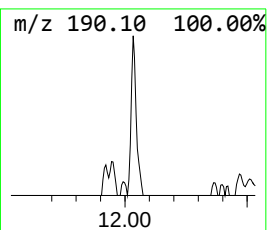
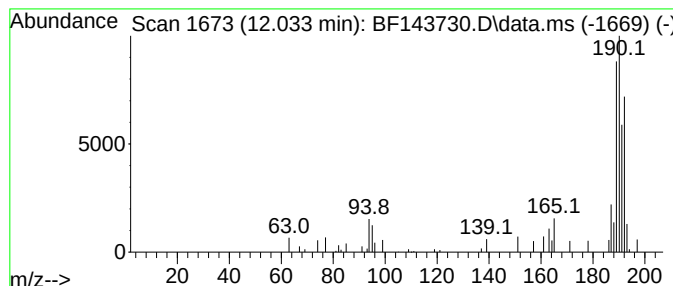
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.033	3.28 ng	35482	Phenanthrene-d10		11.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	52
3	2,4-Dichloro-3-fluorobenzonitrile		189	C7H2Cl2FN	161612-68-6	38
4	3,5-Dichloro-4-fluorobenzonitrile		189	C7H2Cl2FN	103879-31-8	38
5	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	30



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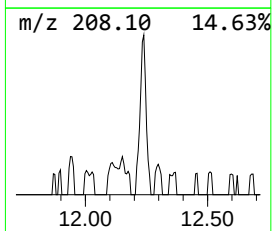
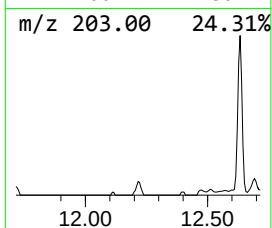
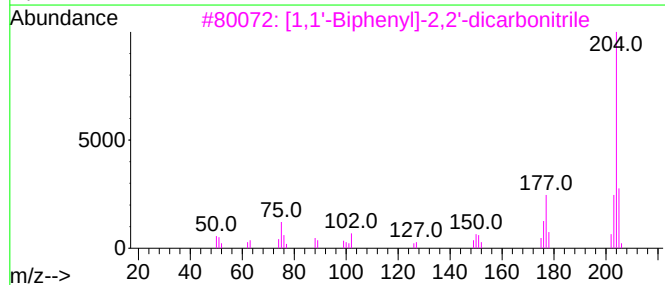
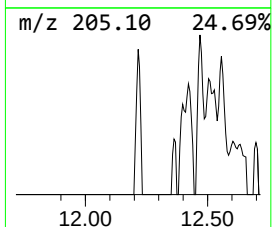
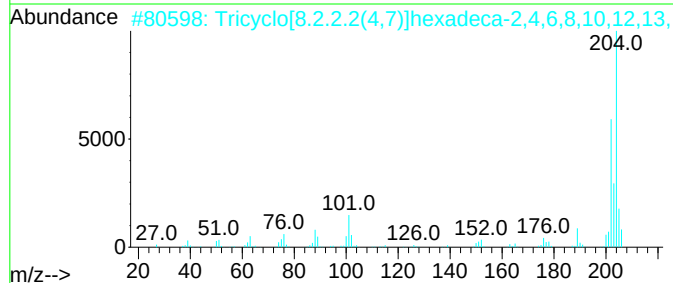
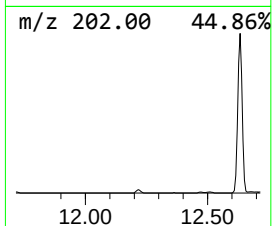
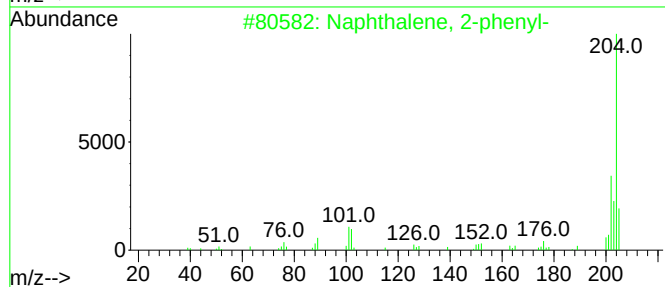
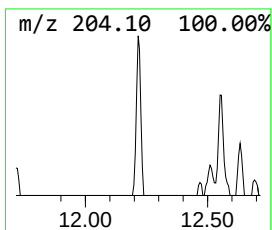
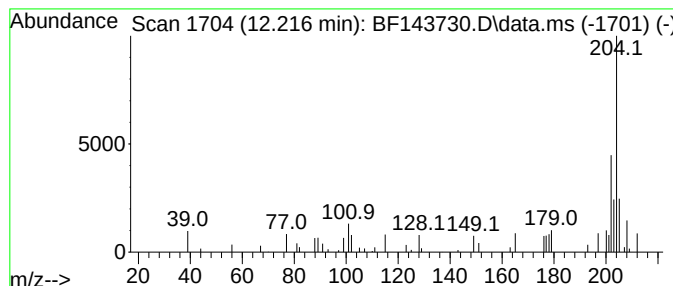
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	2.02 ng	21824	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
4			1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	46
5			9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
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Acq On : 12 Sep 2025 13:44
Operator : RC/JU
Sample : Q3082-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

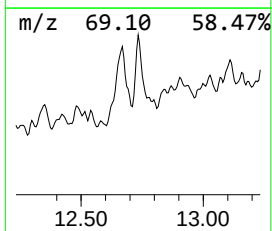
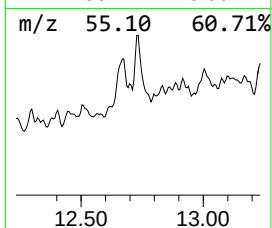
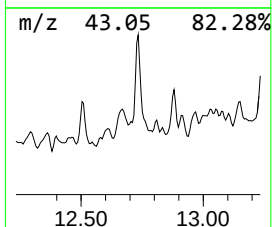
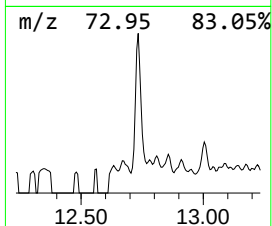
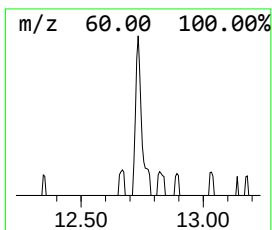
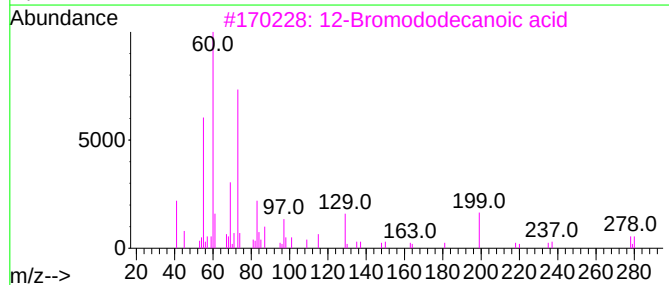
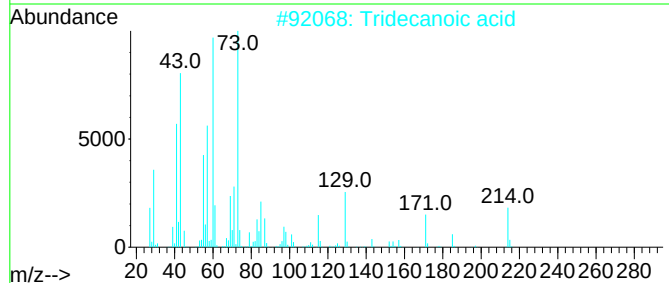
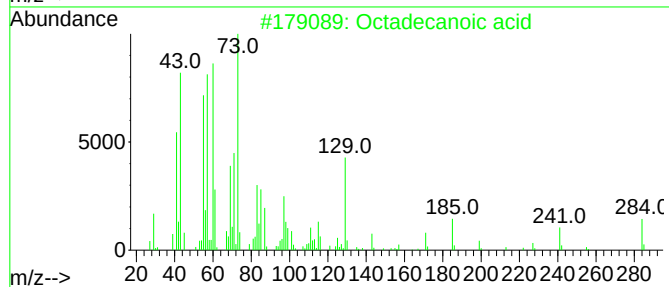
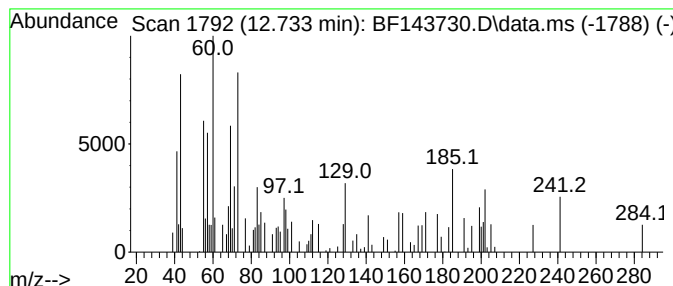
Instrument :
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ClientSampleId :
WC-29

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.733	2.45 ng	26503	Phenanthrene-d10		11.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	86
2	Tridecanoic acid		214	C13H26O2	000638-53-9	43
3	12-Bromododecanoic acid		278	C12H23BrO2	073367-80-3	38
4	Dodecanoic acid		200	C12H24O2	000143-07-7	35
5	Undecanoic acid		186	C11H22O2	000112-37-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143730.D
Acq On : 12 Sep 2025 13:44
Operator : RC/JU
Sample : Q3082-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

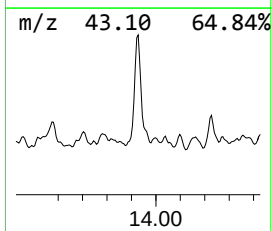
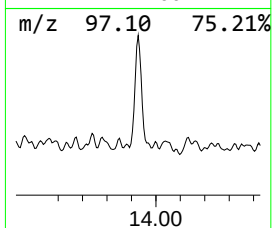
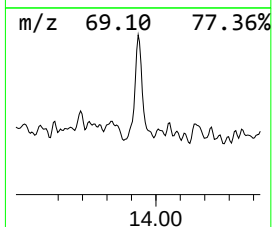
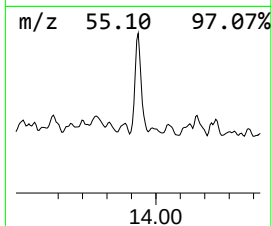
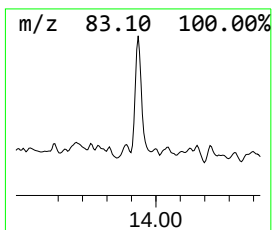
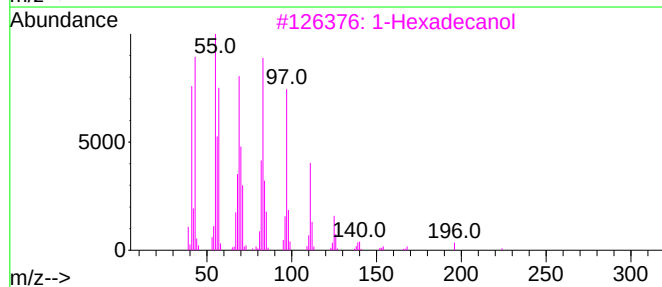
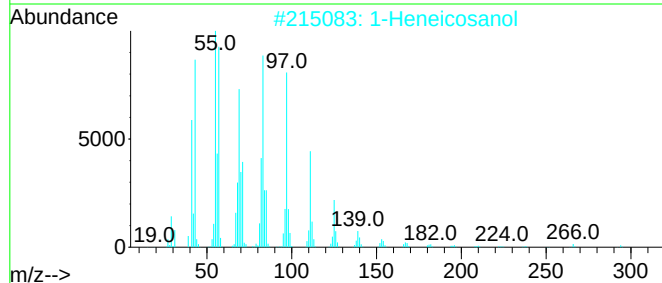
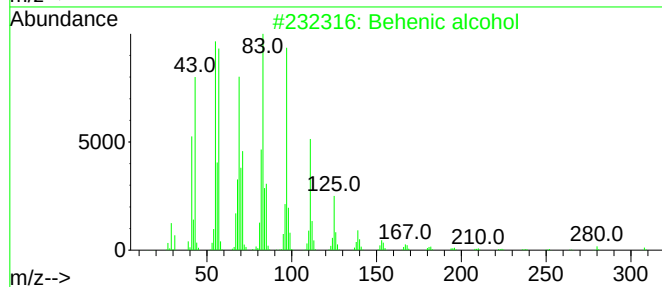
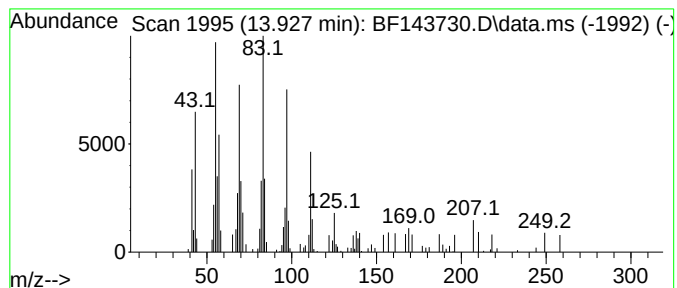
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Behenic alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.927	2.20 ng	43652	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	87
2	1-Heneicosanol	312	C21H44O	015594-90-8	86
3	1-Hexadecanol	242	C16H34O	036653-82-4	86
4	Cyclopentadecane	210	C15H30	000295-48-7	83
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143730.D
Acq On : 12 Sep 2025 13:44
Operator : RC/JU
Sample : Q3082-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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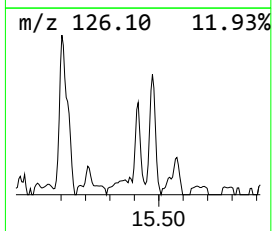
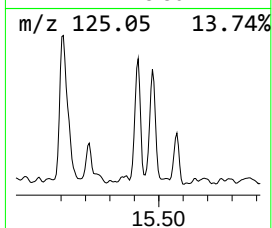
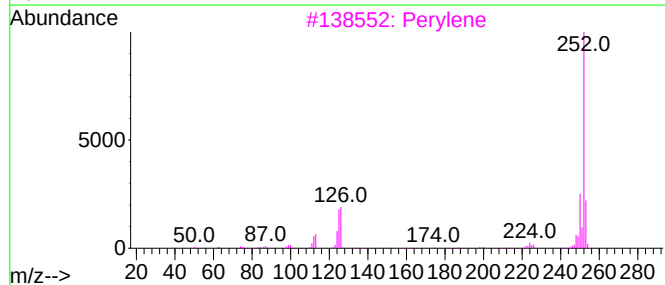
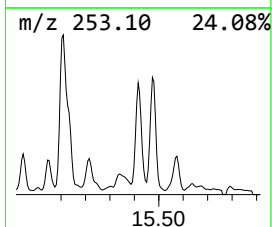
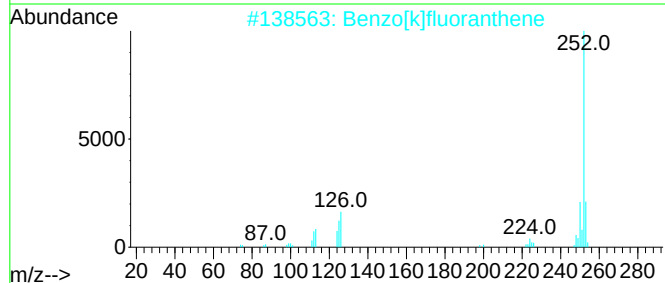
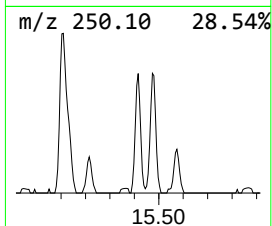
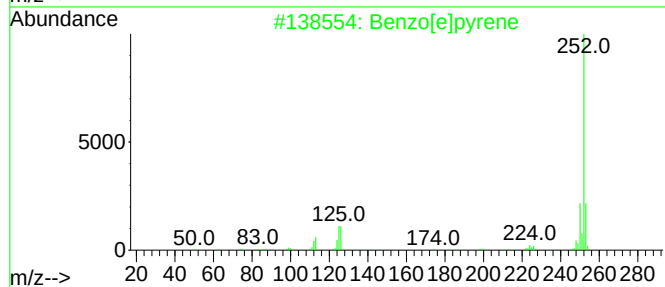
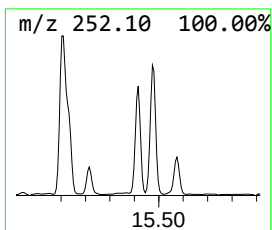
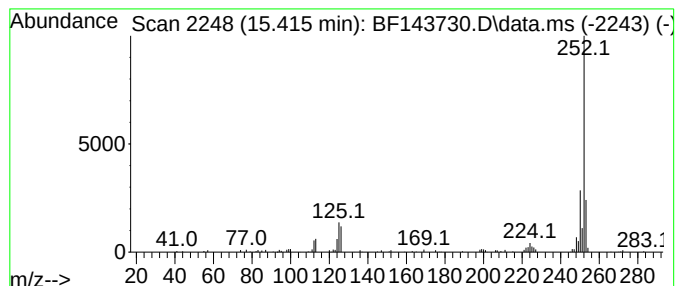
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	4.88 ng	70902	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143730.D
Acq On : 12 Sep 2025 13:44
Operator : RC/JU
Sample : Q3082-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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-...	5.110	5.7	ng	49758	1	6.892	174738	20.0
Benzophenone	10.645	4.1	ng	46228	3	9.933	225484	20.0
n-Hexadecanoic ...	11.945	12.3	ng	133423	4	11.416	216460	20.0
Benzaldehyde, 3...	12.033	3.3	ng	35482	4	11.416	216460	20.0
Naphthalene, 2-...	12.216	2.0	ng	21824	4	11.416	216460	20.0
Octadecanoic acid	12.733	2.5	ng	26503	4	11.416	216460	20.0
Behenic alcohol	13.927	2.2	ng	43652	5	14.063	397389	20.0
Benzo[e]pyrene	15.415	4.9	ng	70902	6	15.545	290827	20.0