

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143732.D
 Acq On : 12 Sep 2025 14:42
 Operator : RC/JU
 Sample : Q3082-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-30

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: BF143732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	143	151	155	rVB3	3195	6508	1.62%	0.130%
2	3.987	298	305	310	rBV2	3464	5775	1.44%	0.115%
3	4.557	398	402	408	rBB3	2647	5169	1.29%	0.103%
4	5.075	486	490	493	rBV2	2884	4876	1.21%	0.097%
5	5.116	493	497	502	rVB2	3581	6314	1.57%	0.126%
6	5.504	557	563	568	rBV	254765	326203	81.22%	6.503%
7	5.746	601	604	611	rVB2	4414	6310	1.57%	0.126%
8	5.810	611	615	618	rBB	5130	5888	1.47%	0.117%
9	6.151	669	673	679	rBV3	2938	4588	1.14%	0.091%
10	6.428	716	720	721	rBV2	3966	4691	1.17%	0.094%
11	6.504	728	733	739	rBV	228233	301120	74.97%	6.003%
12	6.722	766	770	775	rBV2	9422	13473	3.35%	0.269%
13	6.893	794	799	805	rVB	153755	189047	47.07%	3.769%
14	7.210	849	853	861	rBB4	3010	4954	1.23%	0.099%
15	7.293	862	867	870	rBV3	3544	4730	1.18%	0.094%
16	7.451	885	894	898	rBV	159077	207517	51.67%	4.137%
17	7.487	898	900	904	rVB	8613	9235	2.30%	0.184%
18	8.175	1008	1017	1024	rBV	188471	261946	65.22%	5.222%
19	8.234	1024	1027	1031	rVB	3591	4067	1.01%	0.081%
20	8.592	1084	1088	1096	rBV	7711	11015	2.74%	0.220%
21	8.763	1112	1117	1122	rBV	8590	10729	2.67%	0.214%
22	8.887	1134	1138	1143	rVB	22526	25739	6.41%	0.513%
23	8.987	1151	1155	1159	rBV	12747	14305	3.56%	0.285%
24	9.192	1183	1190	1194	rBV2	4442	7701	1.92%	0.154%
25	9.251	1194	1200	1205	rBV	316499	401637	100.00%	8.007%
26	9.328	1209	1213	1220	rBV3	8522	14372	3.58%	0.287%
27	9.516	1240	1245	1249	rVB	8201	11620	2.89%	0.232%
28	9.586	1249	1257	1260	rBV	12038	17572	4.38%	0.350%
29	9.616	1260	1262	1264	rVV	8536	7963	1.98%	0.159%
30	9.651	1264	1268	1273	rVV4	7409	11846	2.95%	0.236%
31	9.704	1273	1277	1283	rVB2	5223	7581	1.89%	0.151%
32	9.792	1288	1292	1296	rVB	4211	5037	1.25%	0.100%
33	9.857	1296	1303	1308	rBV2	7607	12593	3.14%	0.251%
34	9.928	1308	1315	1320	rVV	183342	243726	60.68%	4.859%
35	9.963	1320	1321	1325	rVB3	5631	4432	1.10%	0.088%
36	10.133	1346	1350	1354	rBV	11150	15133	3.77%	0.302%

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37	10.169	1354	1356	1366	rVB5	5209	10274	2.56%	0.205%
38	10.251	1366	1370	1372	rBV2	4271	5988	1.49%	0.119%
39	10.339	1381	1385	1386	rBV	7504	8457	2.11%	0.169%
40	10.357	1386	1388	1392	rVB	8974	10586	2.64%	0.211%
41	10.475	1404	1408	1415	rBV4	8039	13134	3.27%	0.262%
42	10.586	1422	1427	1431	rBV4	6562	11438	2.85%	0.228%
43	10.639	1431	1436	1441	rVV	42593	58262	14.51%	1.162%
44	10.716	1444	1449	1454	rVV	155971	194709	48.48%	3.882%
45	10.845	1466	1471	1476	rBV	22005	34807	8.67%	0.694%
46	10.951	1486	1489	1493	rVB	9762	12067	3.00%	0.241%
47	11.022	1496	1501	1505	rVV8	2696	5472	1.36%	0.109%
48	11.075	1508	1510	1515	rVB4	5119	6930	1.73%	0.138%
49	11.157	1520	1524	1526	rBV3	5372	7989	1.99%	0.159%
50	11.222	1532	1535	1539	rBV2	5600	6642	1.65%	0.132%
51	11.280	1539	1545	1548	rVV5	9338	16096	4.01%	0.321%
52	11.316	1548	1551	1556	rVB4	7299	10026	2.50%	0.200%
53	11.416	1563	1568	1578	rBV2	168302	291982	72.70%	5.821%
54	11.492	1578	1581	1584	rVV	9865	12442	3.10%	0.248%
55	11.522	1584	1586	1590	rVB5	5208	6172	1.54%	0.123%
56	11.592	1595	1598	1602	rVB3	4551	5982	1.49%	0.119%
57	11.645	1603	1607	1609	rBV2	5880	8828	2.20%	0.176%
58	11.710	1614	1618	1622	rVV2	9410	13965	3.48%	0.278%
59	11.751	1622	1625	1630	rVB6	3489	5409	1.35%	0.108%
60	11.869	1641	1645	1649	rBV5	13052	20236	5.04%	0.403%
61	11.945	1650	1658	1664	rVV2	101472	157717	39.27%	3.144%
62	12.027	1669	1672	1676	rBV	15094	22324	5.56%	0.445%
63	12.122	1681	1688	1691	rBV3	15072	25909	6.45%	0.517%
64	12.216	1700	1704	1707	rBV	9769	15419	3.84%	0.307%
65	12.363	1723	1729	1732	rBV6	7179	14648	3.65%	0.292%
66	12.469	1744	1747	1750	rBV	15536	19516	4.86%	0.389%
67	12.504	1750	1753	1759	rVB4	9637	14452	3.60%	0.288%
68	12.557	1759	1762	1767	rVB3	6717	9117	2.27%	0.182%
69	12.633	1770	1775	1780	rBV	78917	110347	27.47%	2.200%
70	12.727	1788	1791	1799	rVB5	22102	34485	8.59%	0.687%
71	12.863	1807	1814	1821	rBV	62926	105292	26.22%	2.099%
72	13.004	1831	1838	1845	rVB	299207	391574	97.49%	7.806%
73	13.074	1845	1850	1854	rBV3	11639	24452	6.09%	0.487%
74	13.233	1874	1877	1883	rBV4	8797	20186	5.03%	0.402%
75	13.292	1883	1887	1889	rBV3	11314	16303	4.06%	0.325%
76	13.692	1952	1955	1959	rBV2	11807	16210	4.04%	0.323%

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77	13.910	1988	1992	1998	rVB3	34996	53829	13.40%	1.073%
78	14.057	2012	2017	2028	rVB2	214755	358648	89.30%	7.150%
79	14.921	2159	2164	2171	rVB	40790	60706	15.11%	1.210%
80	15.104	2190	2195	2205	rBV	53078	122118	30.41%	2.435%
81	15.410	2243	2247	2253	rVB	30794	48286	12.02%	0.963%
82	15.474	2254	2258	2263	rVV	32732	47973	11.94%	0.956%
83	15.545	2264	2270	2286	rVB	161582	287849	71.67%	5.739%
84	17.027	2517	2522	2532	rVB2	16111	37534	9.35%	0.748%
85	17.480	2594	2599	2609	rVB	11246	27891	6.94%	0.556%

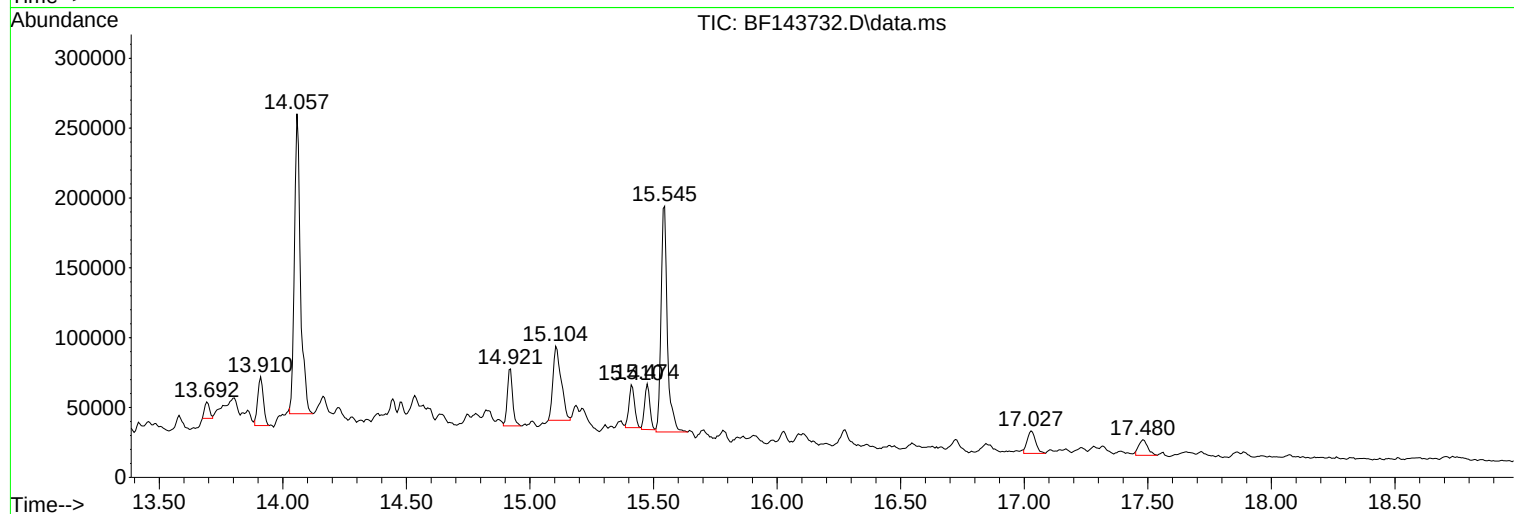
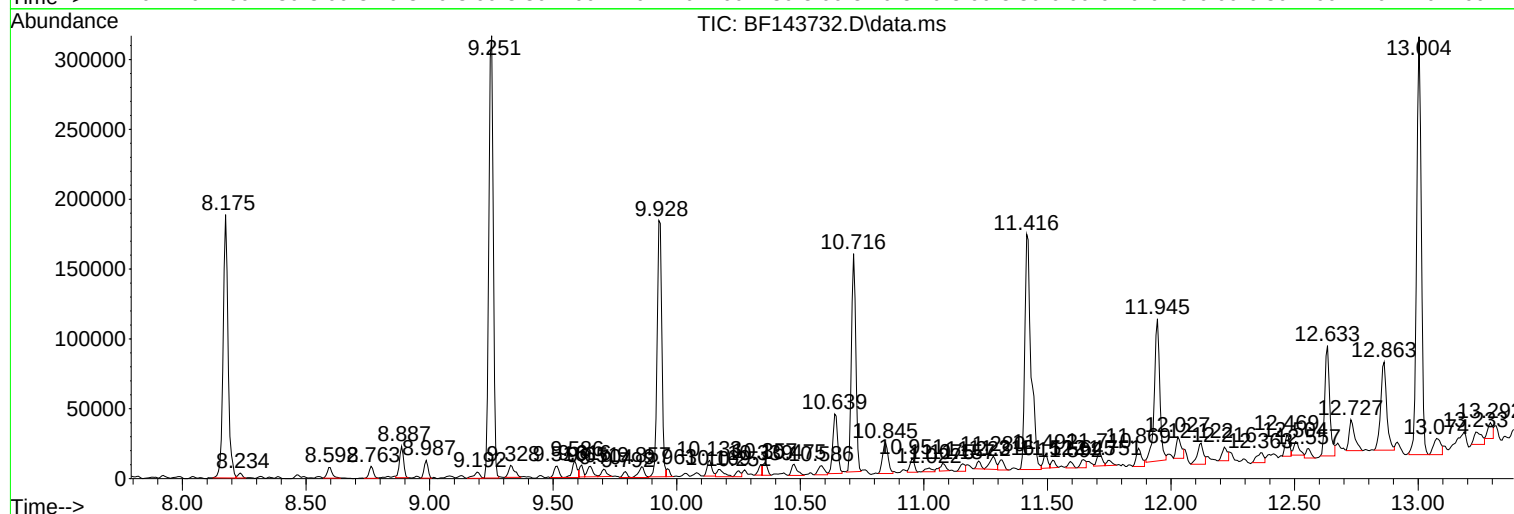
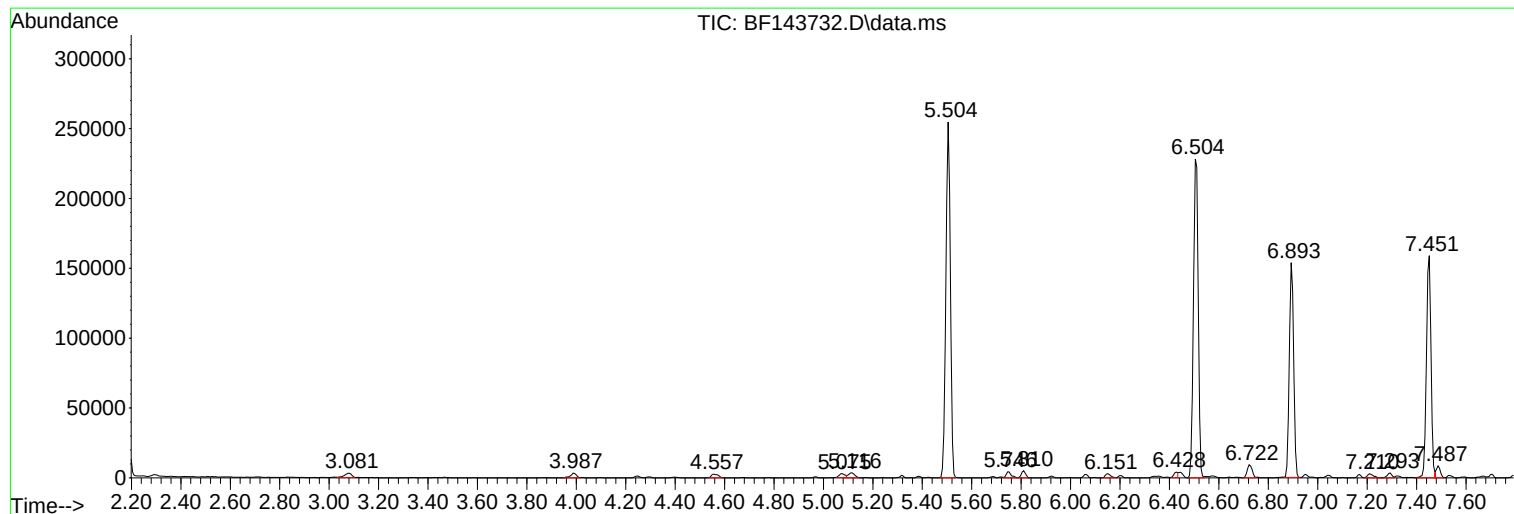
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ALS Vial : 10 Sample Multiplier: 1

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



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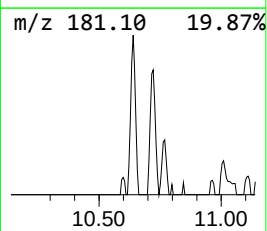
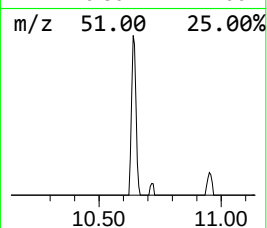
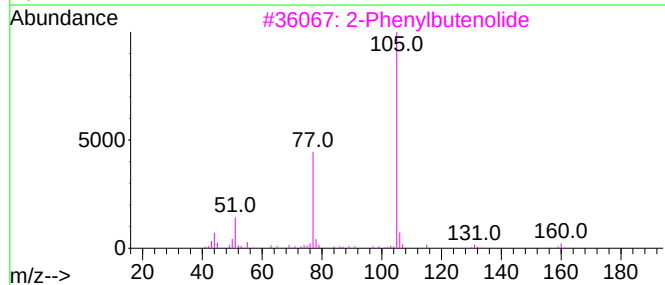
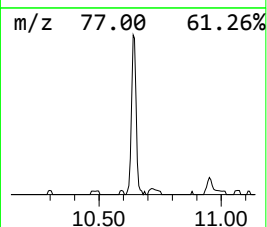
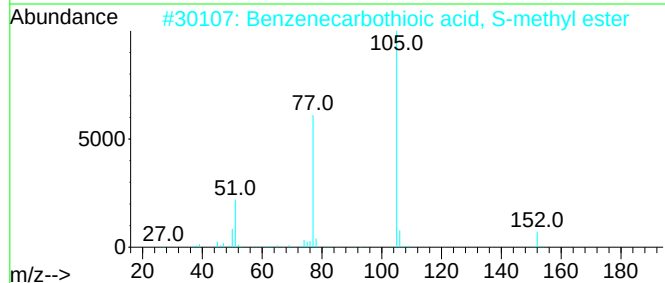
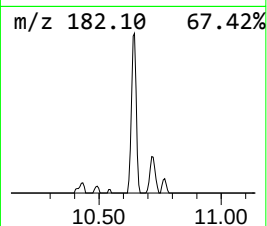
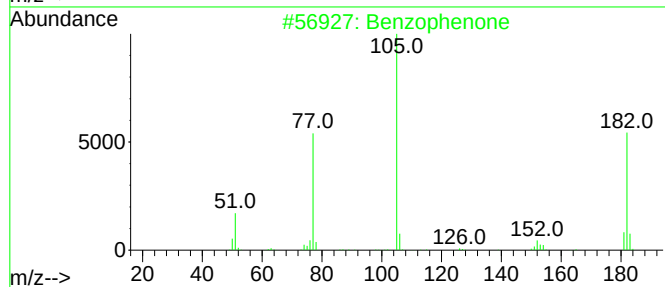
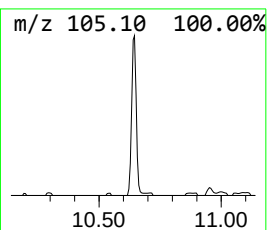
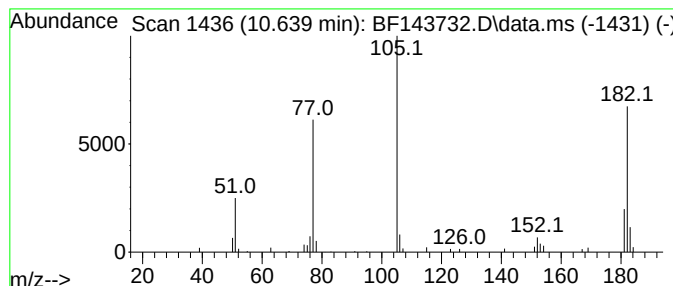
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	4.78 ng	58262	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
3			2-Phenylbutenolide	160	C10H8O2	001955-39-1	38
4			Benzoyl bromide	184	C7H5BrO	000618-32-6	38
5			Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	38



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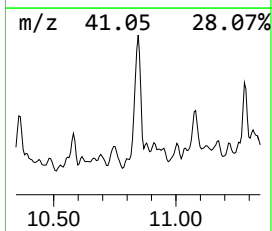
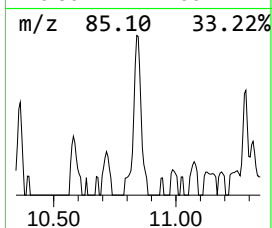
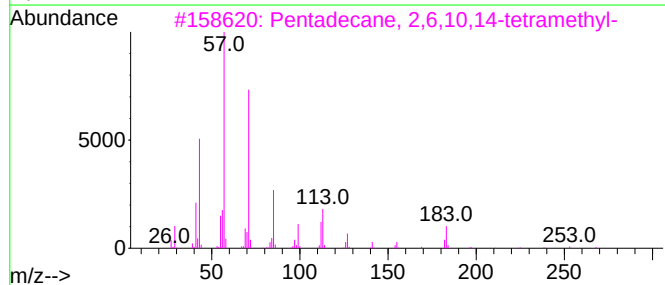
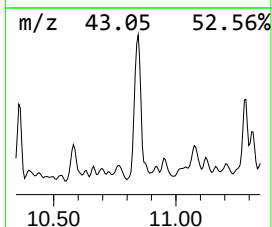
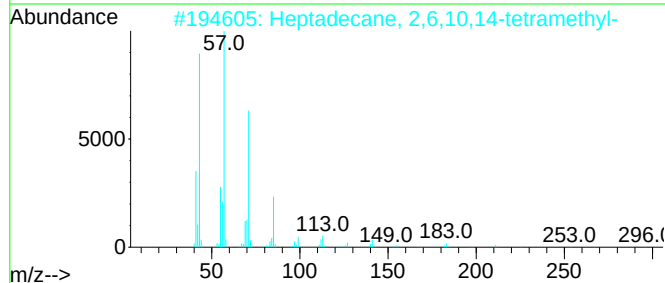
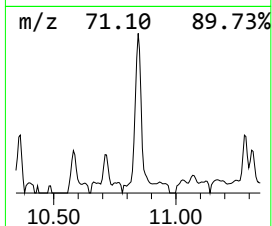
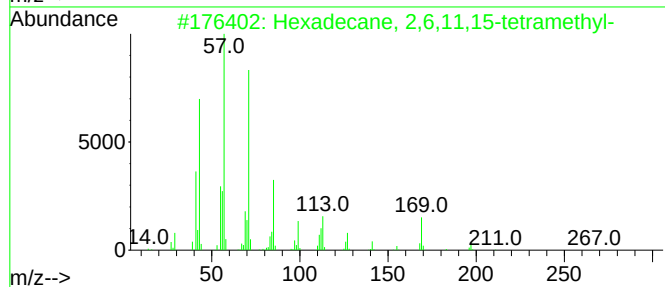
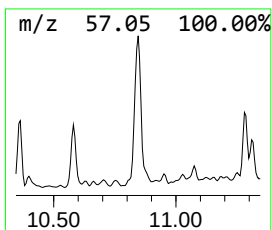
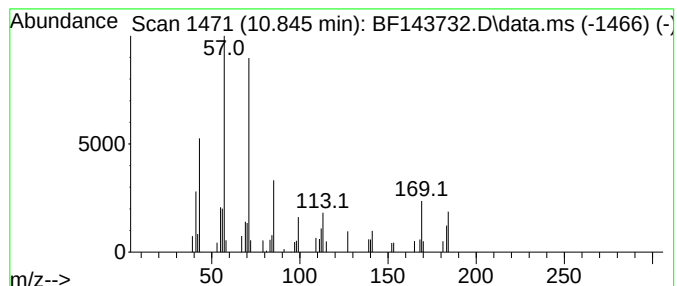
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecane, 2,6,11,15-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.845	2.38 ng	34807	Phenanthrene-d10	11.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Dodecane	170	C12H26	000112-40-3	60
5	Tridecane	184	C13H28	000629-50-5	58



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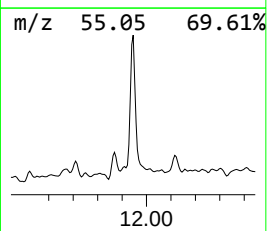
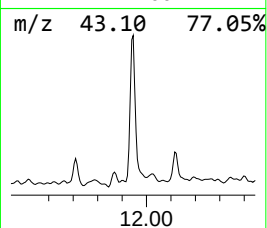
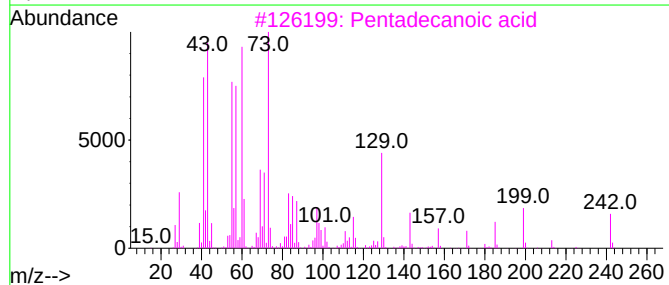
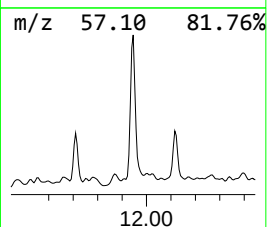
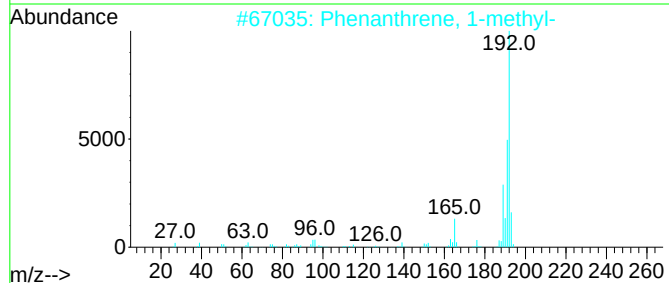
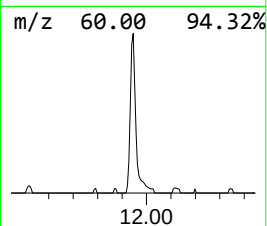
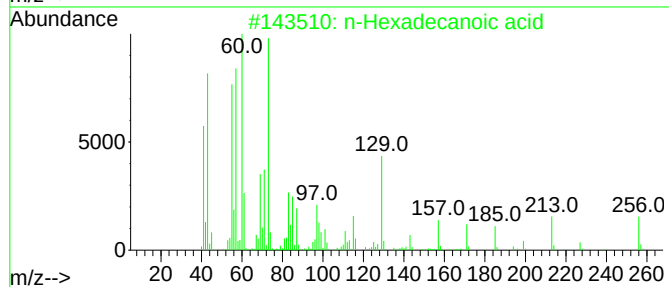
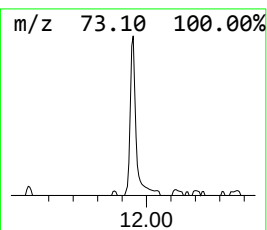
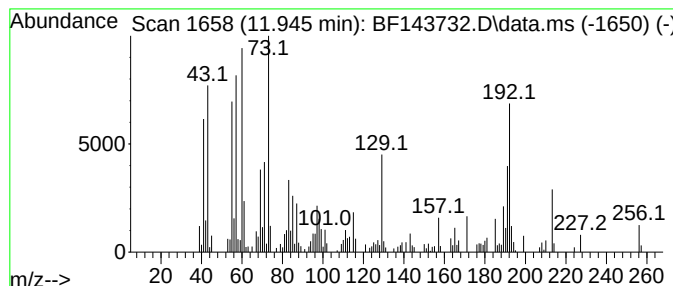
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.945	10.80 ng	157717	Phenanthrene-d10	11.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60



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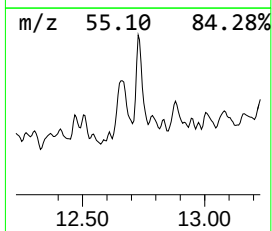
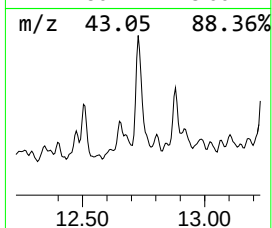
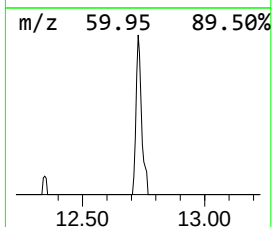
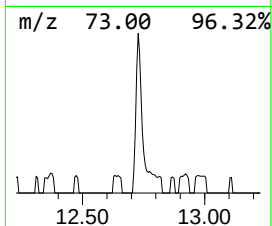
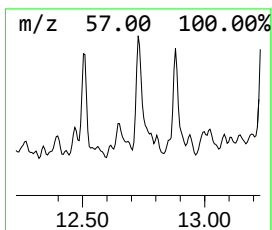
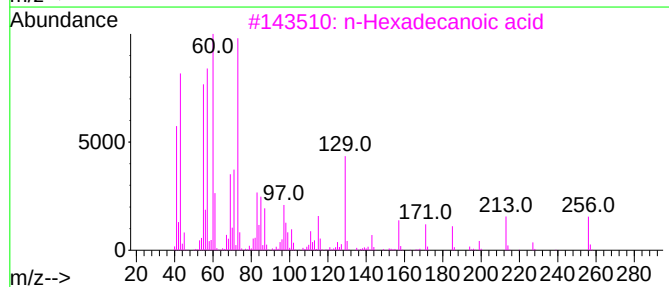
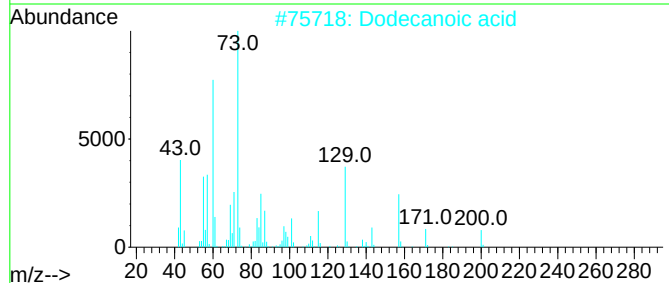
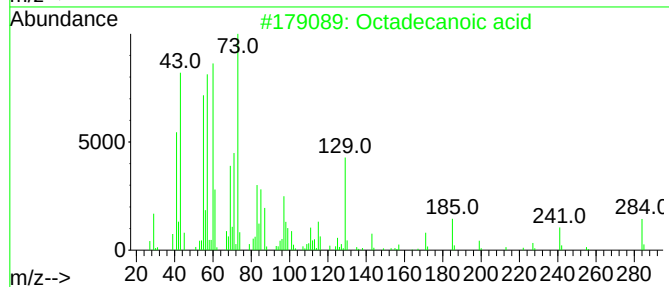
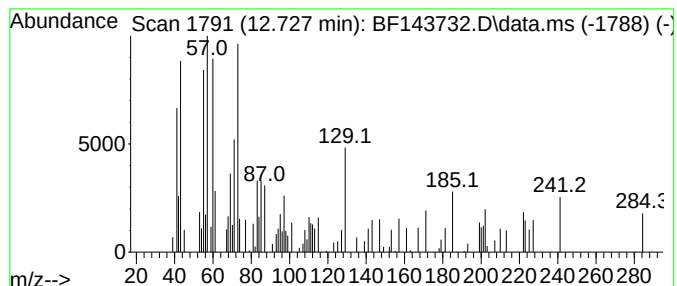
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	2.36 ng	34485	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	91
2			Dodecanoic acid	200	C12H24O2	000143-07-7	50
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4			Tridecanoic acid	214	C13H26O2	000638-53-9	47
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143732.D
Acq On : 12 Sep 2025 14:42
Operator : RC/JU
Sample : Q3082-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-30

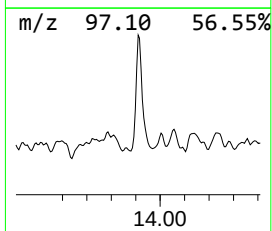
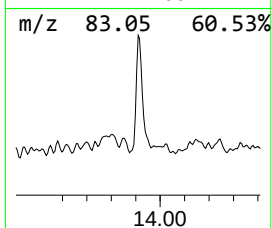
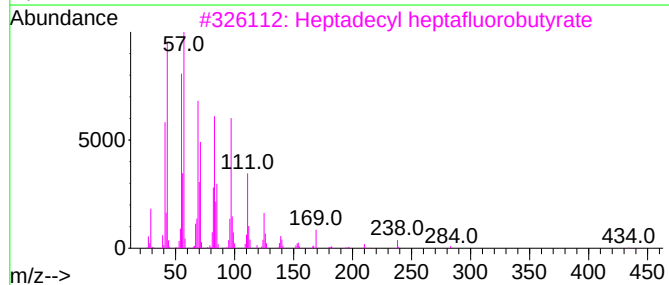
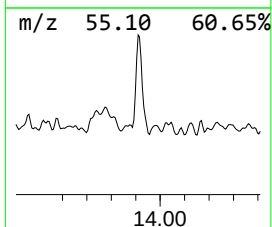
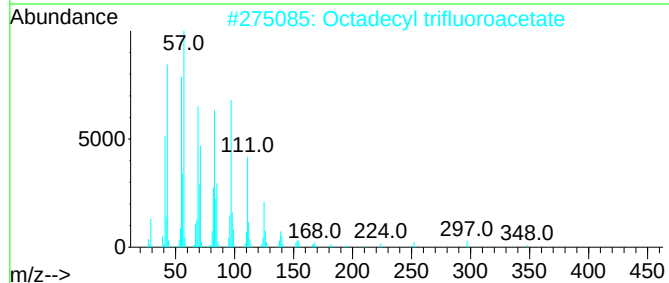
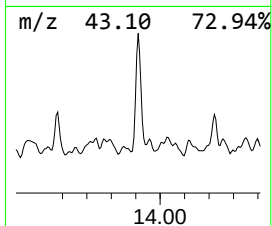
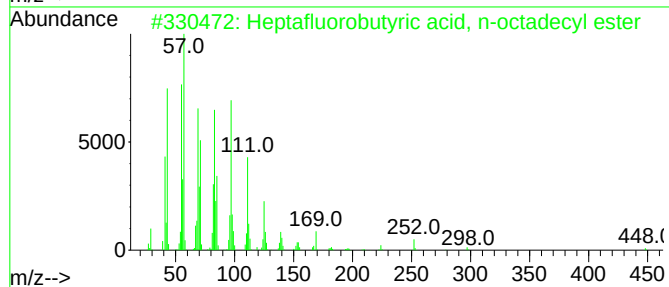
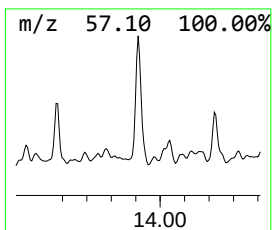
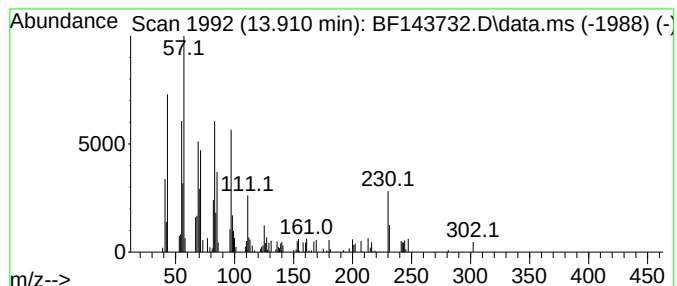
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptafluorobutyric acid, n-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.00 ng	53829	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	76
2			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
4			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	76
5			1-Hexacosene	364	C26H52	018835-33-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143732.D
Acq On : 12 Sep 2025 14:42
Operator : RC/JU
Sample : Q3082-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-30

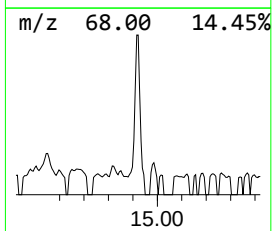
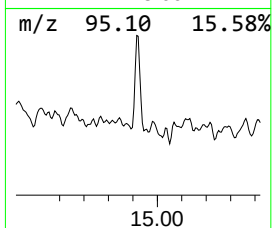
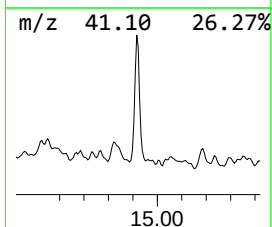
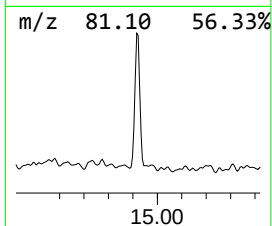
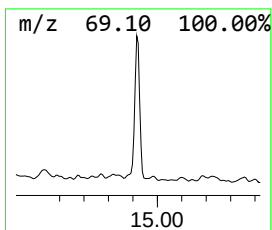
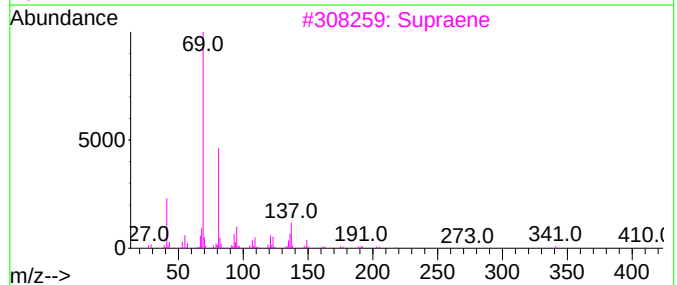
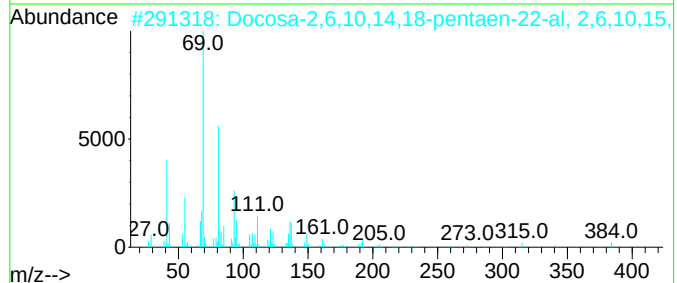
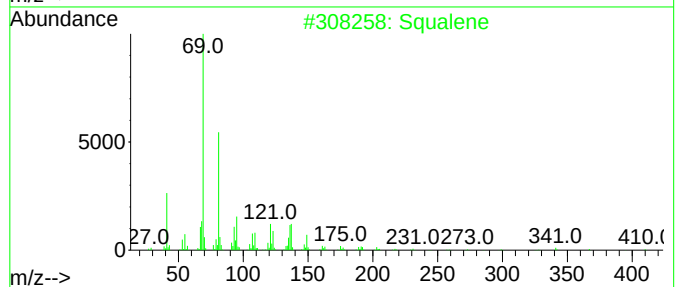
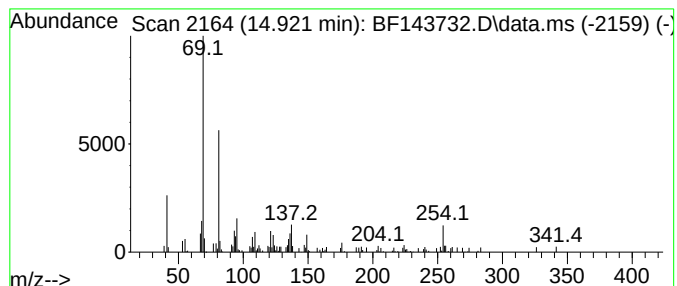
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	4.22 ng	60706	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	83
2			Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72
3			Supraene	410	C30H50	007683-64-9	72
4			1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	68
5			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143732.D
Acq On : 12 Sep 2025 14:42
Operator : RC/JU
Sample : Q3082-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-30

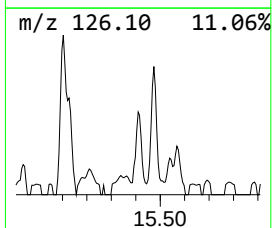
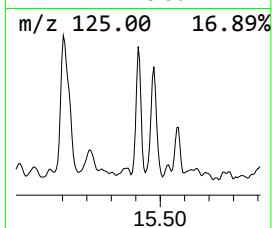
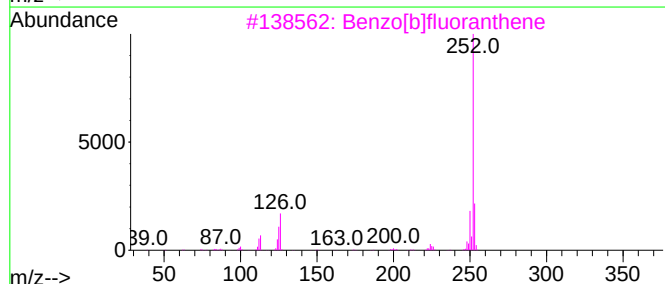
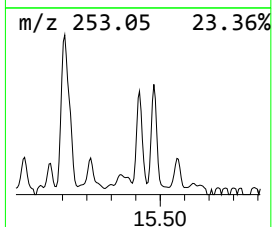
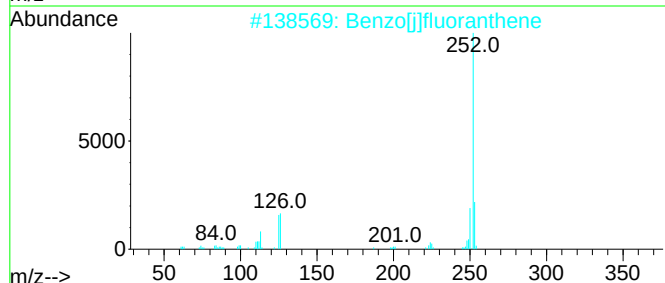
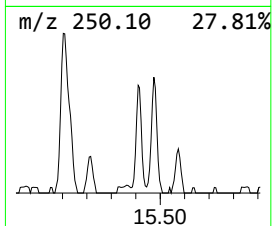
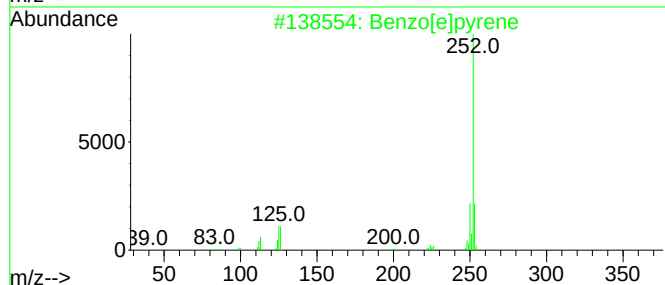
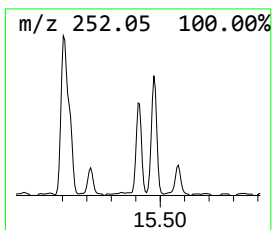
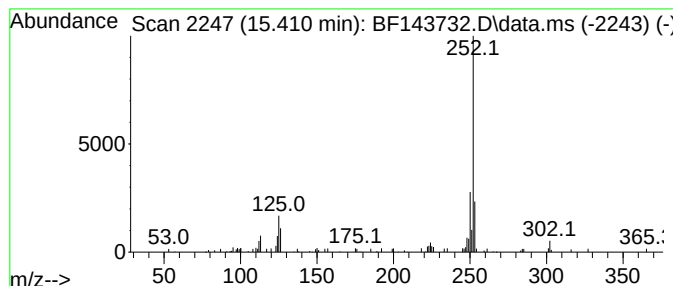
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	3.35 ng	48286	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	92
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143732.D
Acq On : 12 Sep 2025 14:42
Operator : RC/JU
Sample : Q3082-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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
Benzophenone	10.639	4.8	ng	58262	3	9.934	243726	20.0
Hexadecane, 2,6...	10.845	2.4	ng	34807	4	11.416	291982	20.0
n-Hexadecanoic ...	11.945	10.8	ng	157717	4	11.416	291982	20.0
Octadecanoic acid	12.727	2.4	ng	34485	4	11.416	291982	20.0
Heptafluorobuty...	13.910	3.0	ng	53829	5	14.057	358648	20.0
Squalene	14.921	4.2	ng	60706	6	15.545	287849	20.0
Benzo[e]pyrene	15.410	3.4	ng	48286	6	15.545	287849	20.0