LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142616.D
Acq On : 04 Jun 2025 19:47
Operator : RC/JU
Sample : Q2173-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-400-CF-402B-COMP-24

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142616.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	488	496	506	rBV	134644	195522	11.64%	1.172%
2	5.510	558	564	582	rBV	1290006	1680441	100.00%	10.073%
3	6.516	729	735	748	rBV	1248883	1627096	96.83%	9.753%
4	6.893	794	799	804	rBV	643359	788978	46.95%	4.729%
5	7.451	888	894	905	rBV	816686	1067186	63.51%	6.397%
6	8.175	1012	1017	1029	rBV	753886	983074	58.50%	5.893%
7	9.251	1194	1200	1205	rBV	1341153	1648323	98.09%	9.880%
8	9.792	1288	1292	1296	rBV	18110	21595	1.29%	0.129%
9	9.933	1310	1316	1321	rBV	783705	974930	58.02%	5.844%
10	10.481	1405	1409	1415	rVB2	11810	18316	1.09%	0.110%
11	10.645	1431	1437	1444	rVV	142057	179320	10.67%	1.075%
12	10.722	1444	1450	1466	rVV	644345	829294	49.35%	4.971%
13	10.845	1466	1471	1476	rVB3	12216	19690	1.17%	0.118%
14	11.422	1563	1569	1578	rBV2	618927	963074	57.31%	5.773%
15	11.498	1578	1582	1585	rVB	14112	17331	1.03%	0.104%
16	11.651	1603	1608	1612	rBV	11020	18824	1.12%	0.113%
17	11.751	1622	1625	1631	rVB	14865	19794	1.18%	0.119%
18	11.945	1649	1658	1665	rBV3	127195	264430	15.74%	1.585%
19	12.033	1669	1673	1676	rBV2	54226	80725	4.80%	0.484%
20	12.216	1697	1704	1707	rBV	25916	45643	2.72%	0.274%
21	12.239	1707	1708	1715	rVB2	23732	28159	1.68%	0.169%
22	12.363	1724	1729	1732	rBV3	12158	22601	1.34%	0.135%
23	12.474	1743	1748	1751	rBV	49013	72050	4.29%	0.432%
24	12.510	1751	1754	1759	rVV2	27385	45796	2.73%	0.275%
25	12.557	1759	1762	1770	rVB3	22394	32111	1.91%	0.192%
26	12.633	1770	1775	1780	rBV	228049	286894	17.07%	1.720%
27	12.727	1788	1791	1794	rBV2	22476	25970	1.55%	0.156%
28	12.863	1808	1814	1821	rBV	225139	332952	19.81%	1.996%
29	13.004	1827	1838	1846	rVB	881554	1132463	67.39%	6.788%
30	13.080	1846	1851	1858	rBV4	33773	68435	4.07%	0.410%
31	13.186	1863	1869	1874	rVB	40935	82690	4.92%	0.496%
32	13.257	1874	1881	1884	rBV2	22435	41604	2.48%	0.249%
33	13.298	1884	1888	1891	rBV	35038	45092	2.68%	0.270%
34	13.386	1900	1903	1906	rBV	27825	33354	1.98%	0.200%
35	13.421	1906	1909	1912	rVB	21785	27293	1.62%	0.164%
36	13.698	1953	1956	1961	rVB	29908	43859	2.61%	0.263%

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Misc :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.810	1970	1975	1978	rBV3	35363	60271	3.59%	0.361%
38	13.904	1987	1991	2001	rVB3	51308	100874	6.00%	0.605%
39	14.063	2010	2018	2029	rBV2	671438	1162112	69.16%	6.966%
40	14.445	2080	2083	2087	rVV	28322	34831	2.07%	0.209%
41	14.480	2087	2089	2093	rVB2	19860	20517	1.22%	0.123%
42	15.116	2192	2197	2206	rBV	117867	271867	16.18%	1.630%
43	15.427	2245	2250	2256	rVB	68530	112483	6.69%	0.674%
44	15.492	2256	2261	2266	rVV	84875	143616	8.55%	0.861%
45	15.557	2266	2272	2293	rVB	537122	944491	56.20%	5.661%
46	17.057	2523	2527	2536	rVB2	29837	66744	3.97%	0.400%

Sum of corrected areas: 16682715

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ClientSampleId :
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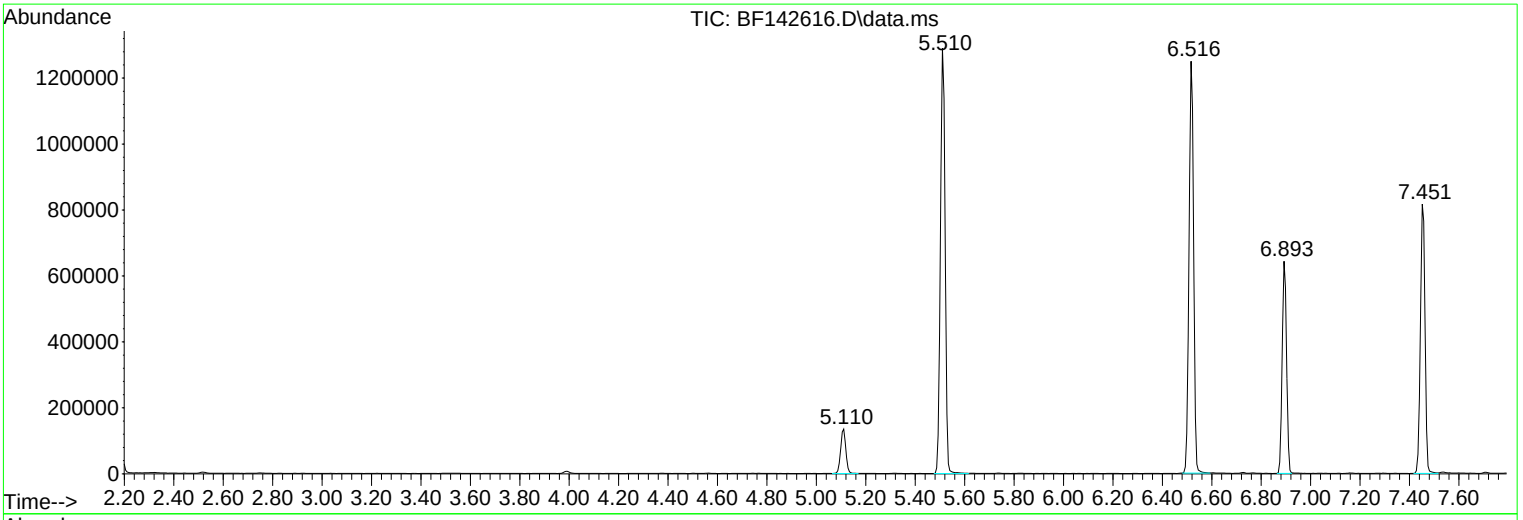
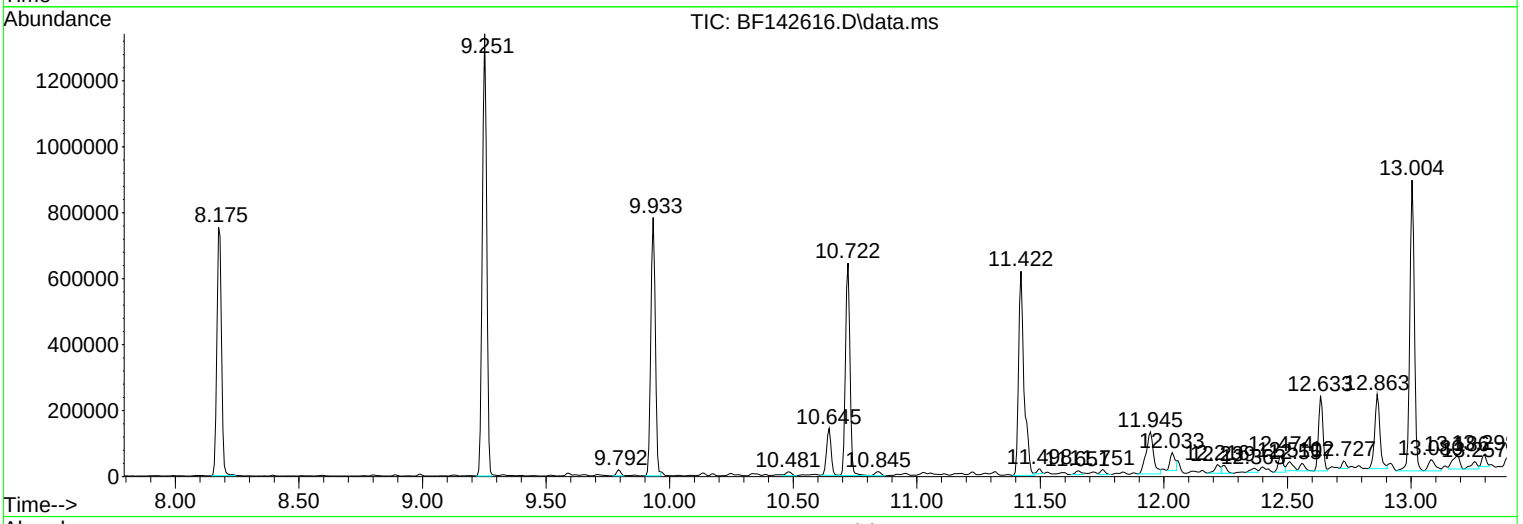
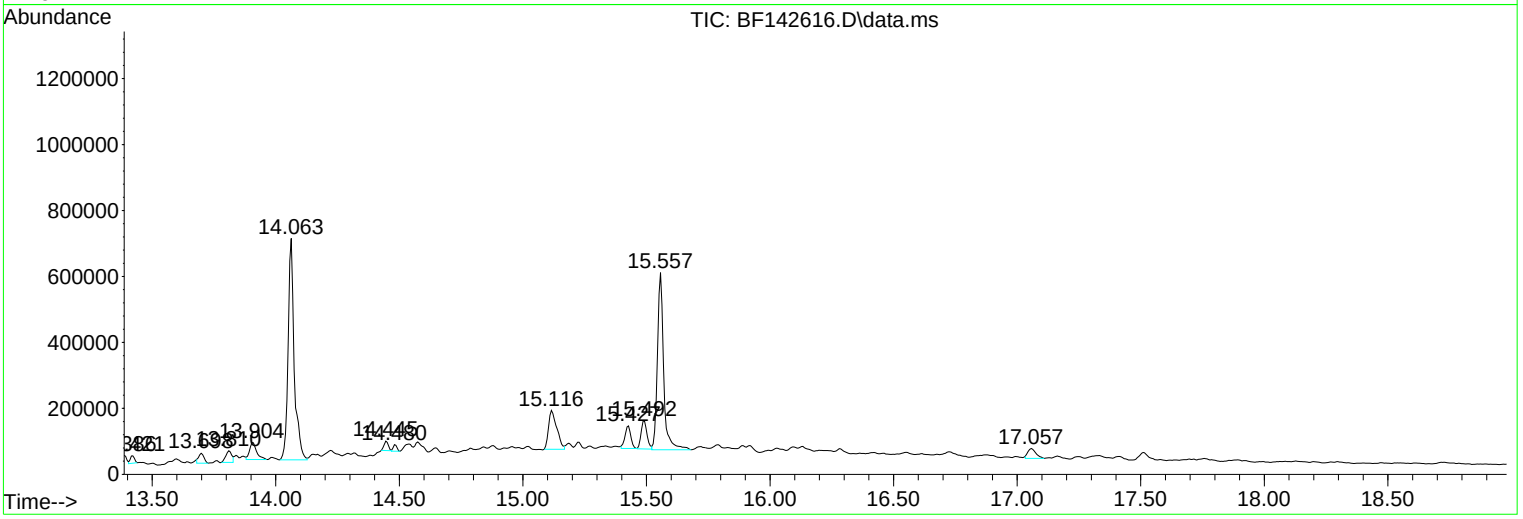
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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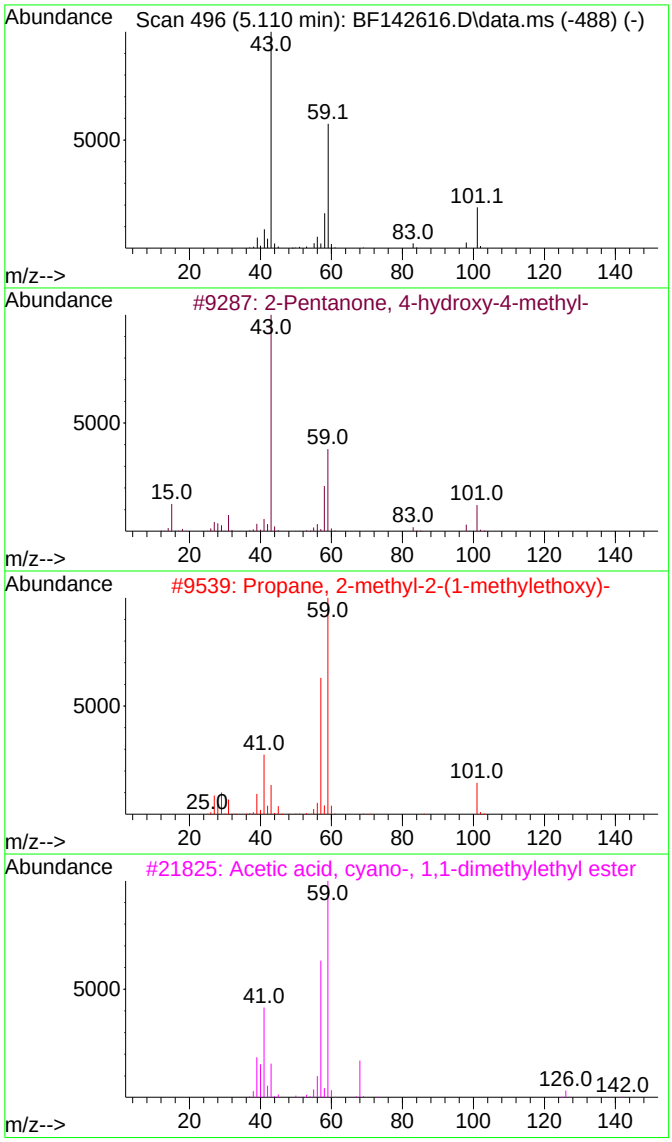
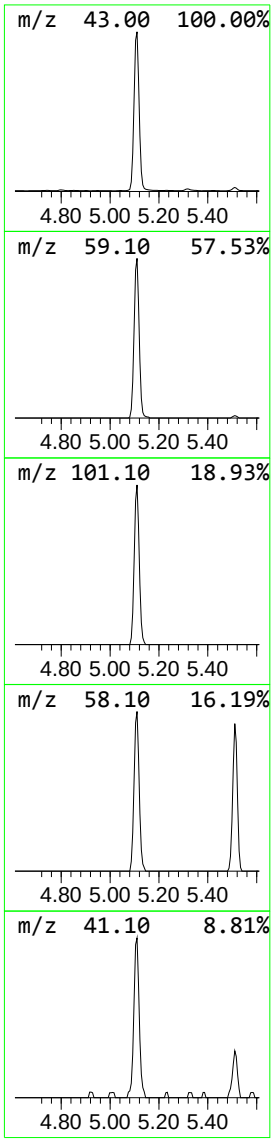
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	4.96 ng	195522	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

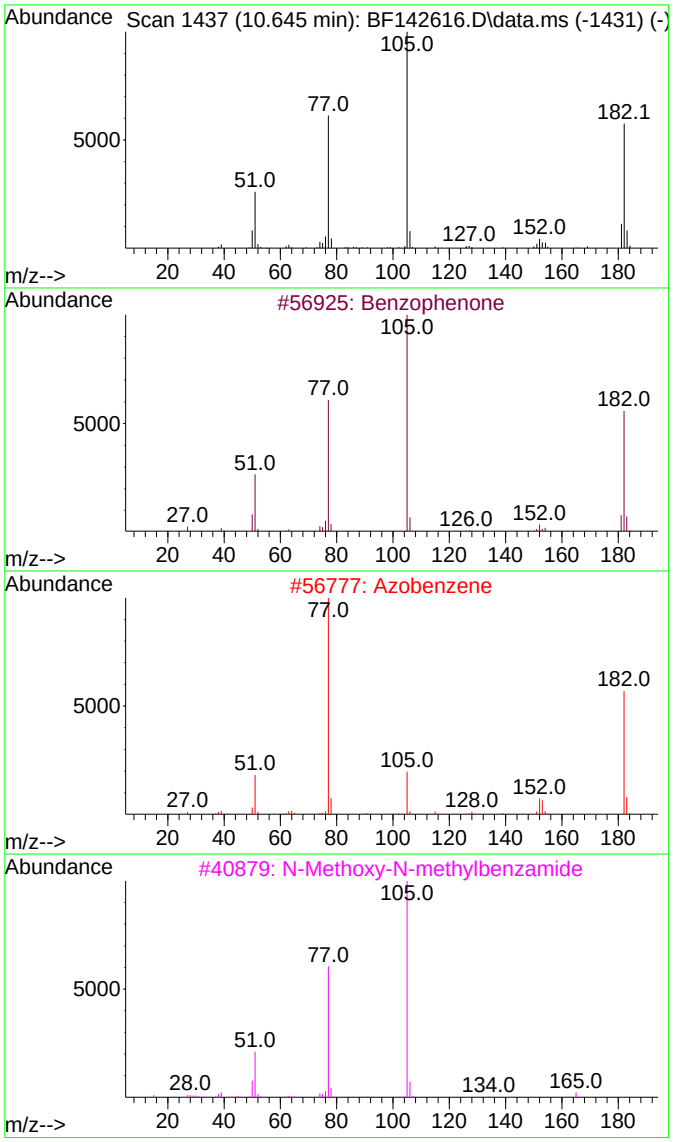
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

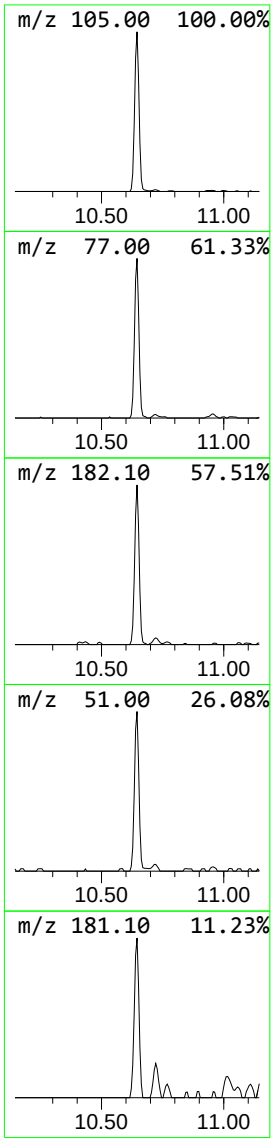
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	3.68 ng	179320	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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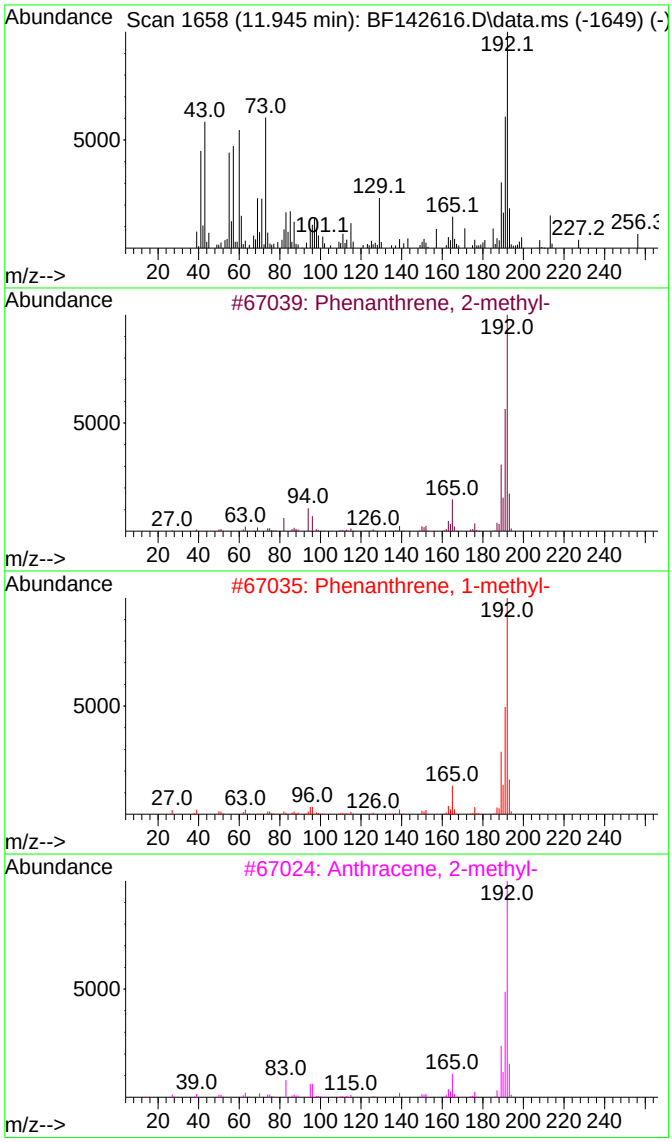
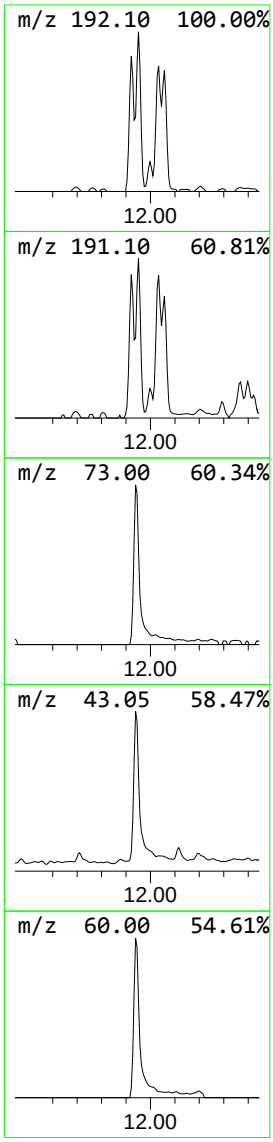
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.49 ng	264430	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	5.0	ng	195522	1	6.893	788978	20.0
Benzophenone	10.645	3.7	ng	179320	3	9.933	974930	20.0
Phenanthrene, 2...	11.945	5.5	ng	264430	4	11.422	963074	20.0