LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142390.D
Acq On : 15 May 2025 13:24
Operator : RC/JU
Sample : Q1983-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-636-COMP-02

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	486	497	507	rBV	214571	321783	8.93%	1.050%
2	5.510	558	564	570	rBV	1992732	2725073	75.65%	8.894%
3	6.522	729	736	741	rBV	1980583	2812877	78.09%	9.180%
4	6.898	795	800	806	rBV	816188	1023292	28.41%	3.340%
5	7.298	861	868	876	rBV	34565	49550	1.38%	0.162%
6	7.457	889	895	905	rBV	1430413	1875935	52.08%	6.122%
7	7.710	933	938	943	rBV	52490	66961	1.86%	0.219%
8	8.181	1013	1018	1027	rBV	1072339	1370763	38.06%	4.474%
9	8.992	1151	1156	1162	rBV	29886	36799	1.02%	0.120%
10	9.257	1195	1201	1206	rBV	2863873	3602045	100.00%	11.756%
11	9.798	1289	1293	1298	rVB	38023	47786	1.33%	0.156%
12	9.939	1311	1317	1321	rBV	1166678	1532243	42.54%	5.001%
13	9.969	1321	1322	1329	rVB	58031	45391	1.26%	0.148%
14	10.139	1347	1351	1355	rVB	38616	47448	1.32%	0.155%
15	10.351	1381	1387	1395	rBV3	26399	48780	1.35%	0.159%
16	10.481	1404	1409	1414	rVB2	73509	97568	2.71%	0.318%
17	10.651	1432	1438	1445	rVB	337713	452595	12.56%	1.477%
18	10.722	1445	1450	1461	rBV	1628782	2118645	58.82%	6.914%
19	11.422	1564	1569	1578	rBV2	1088003	1911611	53.07%	6.239%
20	11.498	1578	1582	1586	rVB	69689	90134	2.50%	0.294%
21	11.651	1602	1608	1615	rBV	43302	76040	2.11%	0.248%
22	11.945	1650	1658	1669	rVV3	390040	749597	20.81%	2.446%
23	12.033	1669	1673	1682	rVB2	114652	230911	6.41%	0.754%
24	12.222	1699	1705	1706	rBV	46074	67785	1.88%	0.221%
25	12.475	1741	1748	1751	rBV3	52187	91382	2.54%	0.298%
26	12.510	1751	1754	1759	rVV3	25720	39976	1.11%	0.130%
27	12.557	1759	1762	1770	rVB2	33417	50643	1.41%	0.165%
28	12.633	1770	1775	1780	rBV	561839	723778	20.09%	2.362%
29	12.733	1788	1792	1795	rBV2	53088	75567	2.10%	0.247%
30	12.863	1807	1814	1819	rBV	493303	713632	19.81%	2.329%
31	12.910	1819	1822	1827	rVB3	39035	62641	1.74%	0.204%
32	13.010	1831	1839	1846	rVB	2036295	2610532	72.47%	8.520%
33	13.080	1846	1851	1859	rBV4	41856	88723	2.46%	0.290%
34	13.192	1862	1870	1874	rVB2	60025	124395	3.45%	0.406%
35	13.257	1878	1881	1884	rVV2	32663	41853	1.16%	0.137%
36	13.298	1884	1888	1895	rVB2	54265	80728	2.24%	0.263%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
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Sample : Q1983-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-02

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.386	1900	1903	1906	rVV	28029	36755	1.02%	0.120%
38	13.698	1952	1956	1961	rVB	43595	64042	1.78%	0.209%
39	13.810	1970	1975	1978	rBV2	46803	80064	2.22%	0.261%
40	13.904	1987	1991	1999	rVB2	100773	152953	4.25%	0.499%
41	14.063	2011	2018	2029	rVB2	839790	1525528	42.35%	4.979%
42	14.445	2080	2083	2087	rVB	31289	38353	1.06%	0.125%
43	14.539	2095	2099	2102	rBV4	28468	42442	1.18%	0.139%
44	14.927	2161	2165	2176	rVB3	43016	87856	2.44%	0.287%
45	15.116	2191	2197	2206	rBV	239144	559888	15.54%	1.827%
46	15.221	2213	2215	2221	rVB	39733	50966	1.41%	0.166%
47	15.421	2245	2249	2255	rVB	126955	191171	5.31%	0.624%
48	15.486	2255	2260	2265	rVV	178909	271312	7.53%	0.885%
49	15.551	2265	2271	2284	rVB	643640	1107828	30.76%	3.616%
50	17.045	2520	2525	2535	rVB2	72293	168285	4.67%	0.549%
51	17.498	2596	2602	2619	rVB	61545	157917	4.38%	0.515%

Sum of corrected areas: 30640822

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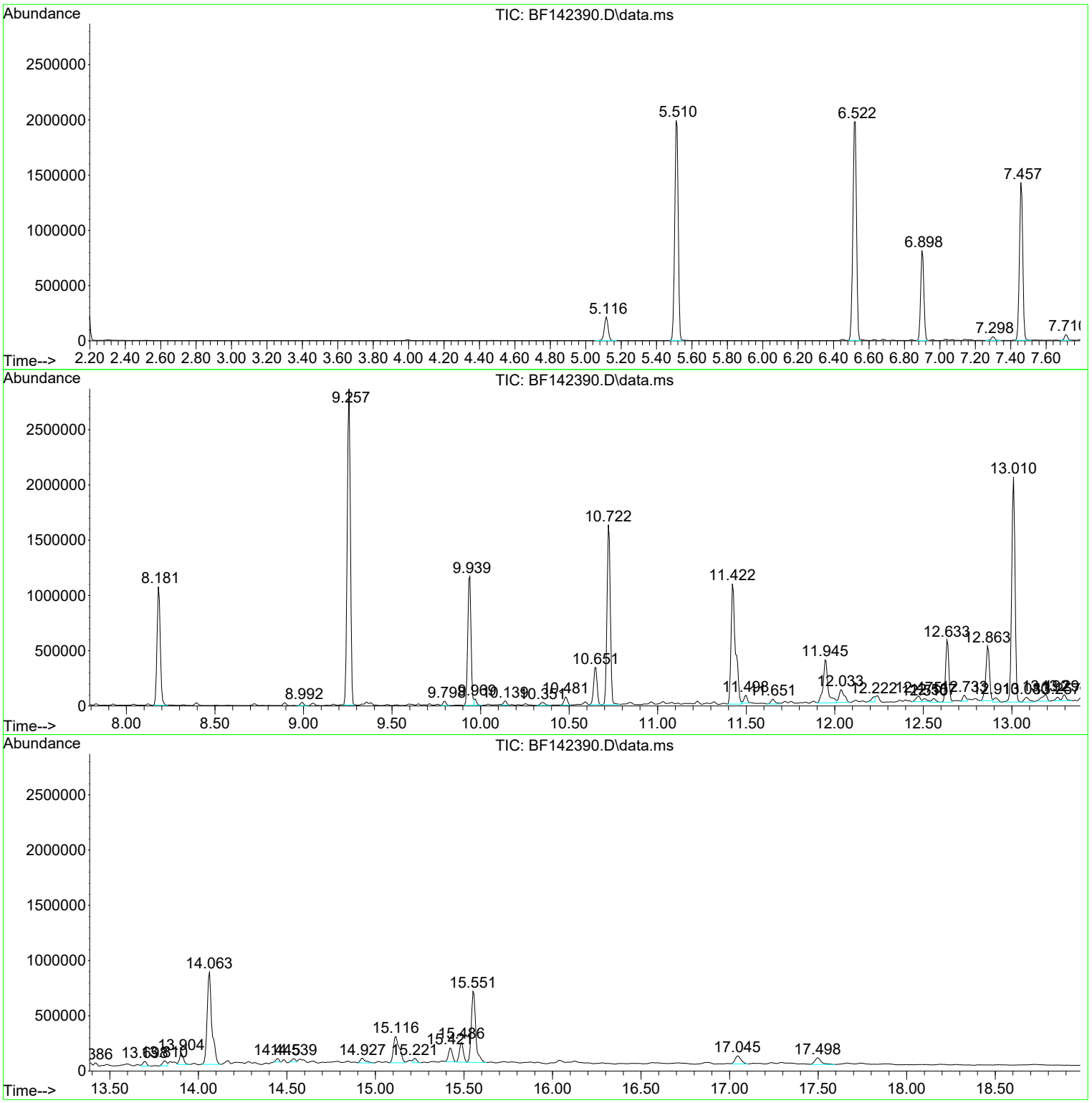
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142390.D
Acq On : 15 May 2025 13:24
Operator : RC/JU
Sample : Q1983-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-02

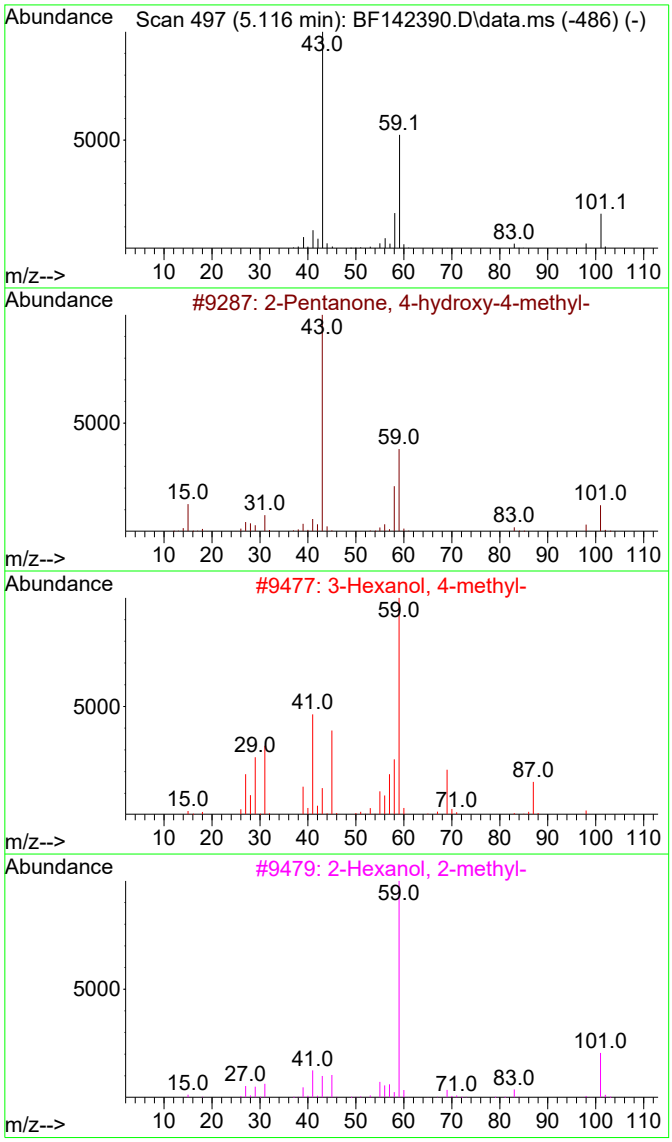
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

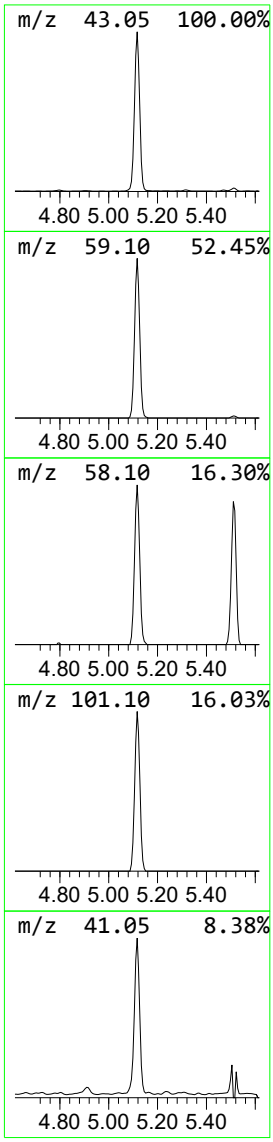
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.29 ng	321783	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142390.D
Acq On : 15 May 2025 13:24
Operator : RC/JU
Sample : Q1983-07
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Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

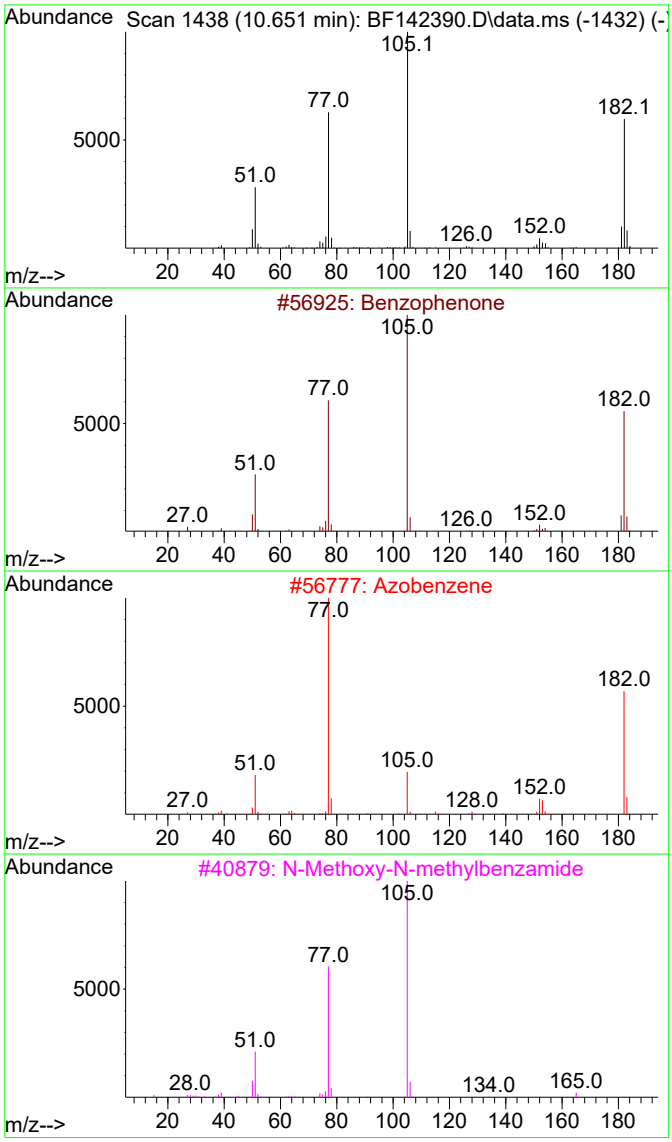
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

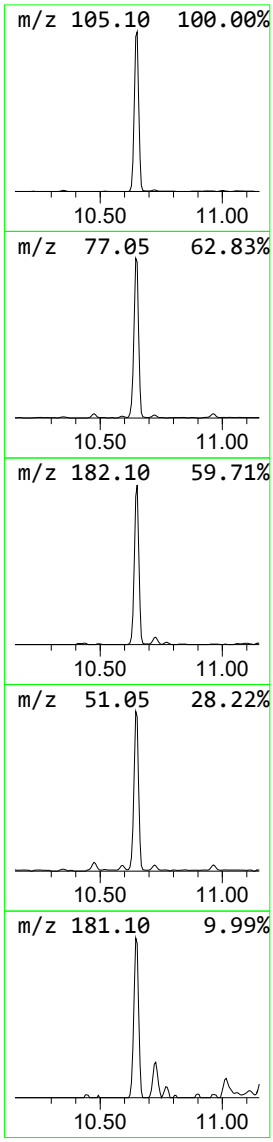
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	5.91 ng	452595	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142390.D
Acq On : 15 May 2025 13:24
Operator : RC/JU
Sample : Q1983-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

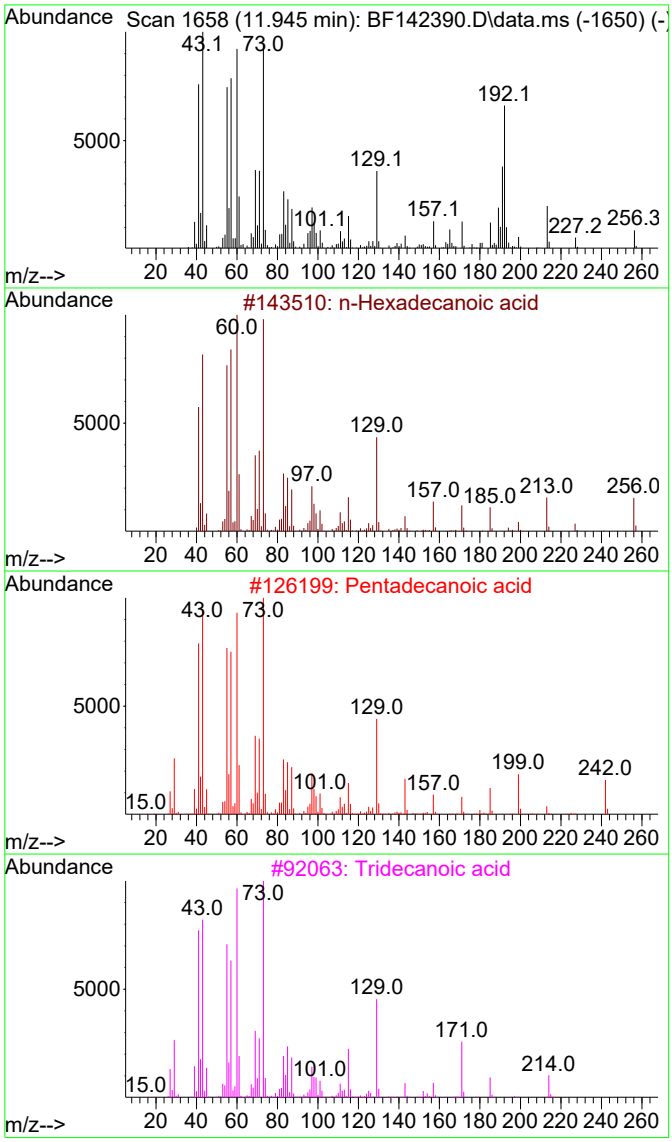
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

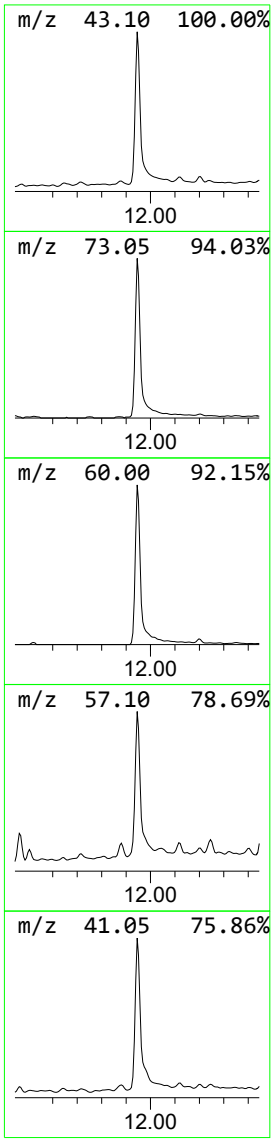
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	7.84 ng	749597	Phenanthrene-d10	11.422

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	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142390.D
Acq On : 15 May 2025 13:24
Operator : RC/JU
Sample : Q1983-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

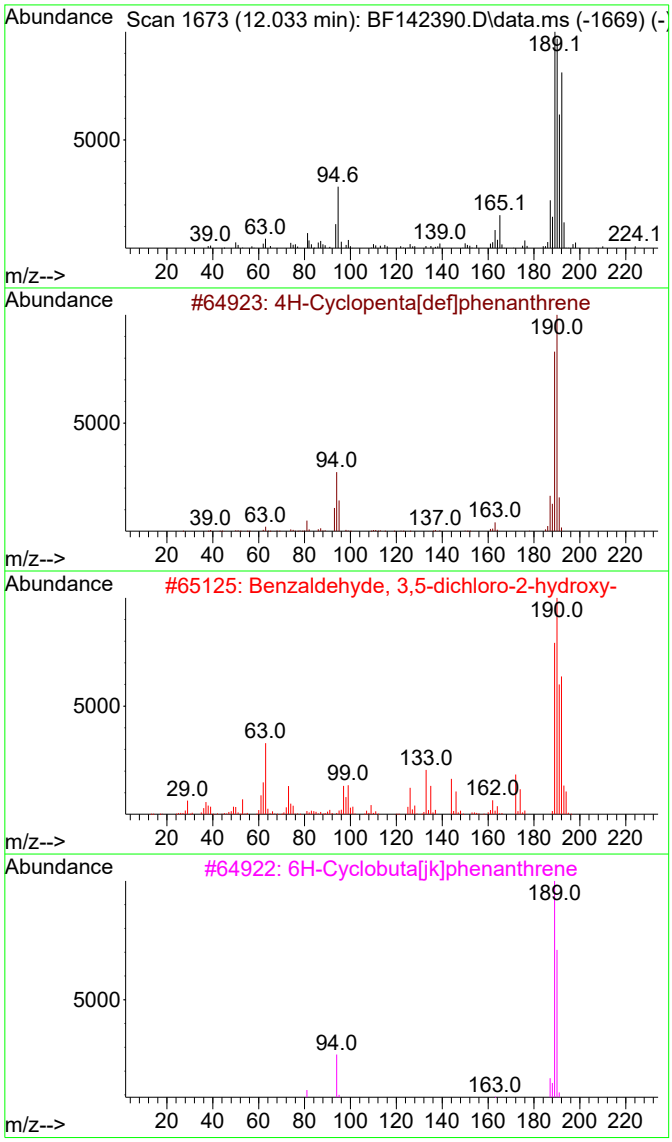
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

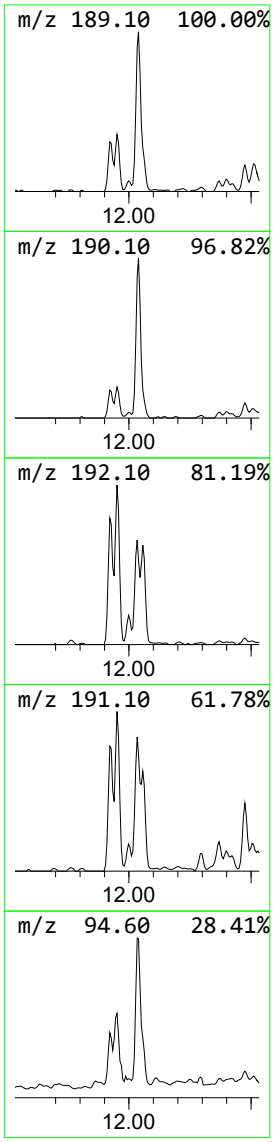
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	2.42 ng	230911	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	2-(4-Fluorobenzyl)thiophene	192	C11H9FS	063877-96-3	30





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Data File : BF142390.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

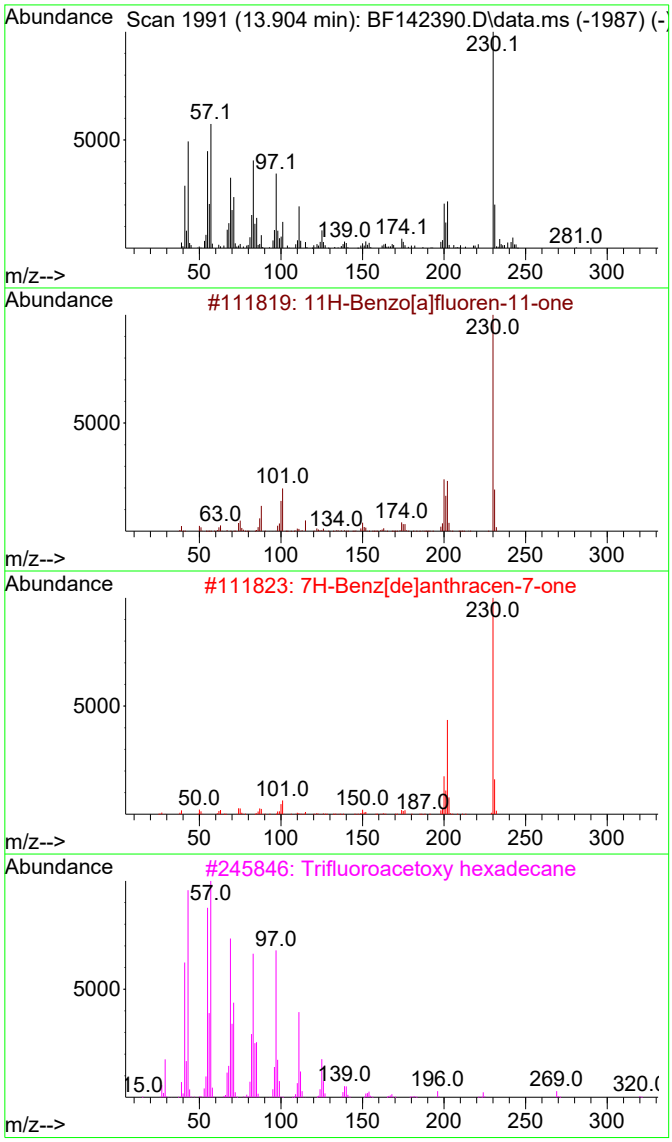
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

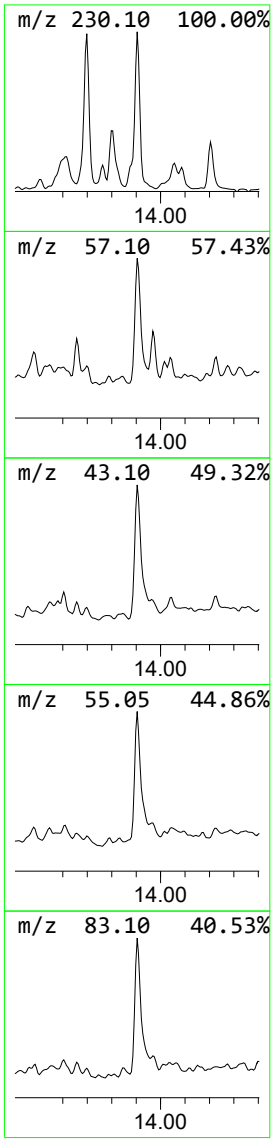
****

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.01 ng	152953	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	58
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	35
4	1-Heptacosanol	396	C27H56O	002004-39-9	35
5	Octacosanol	410	C28H58O	000557-61-9	35





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Data File : BF142390.D
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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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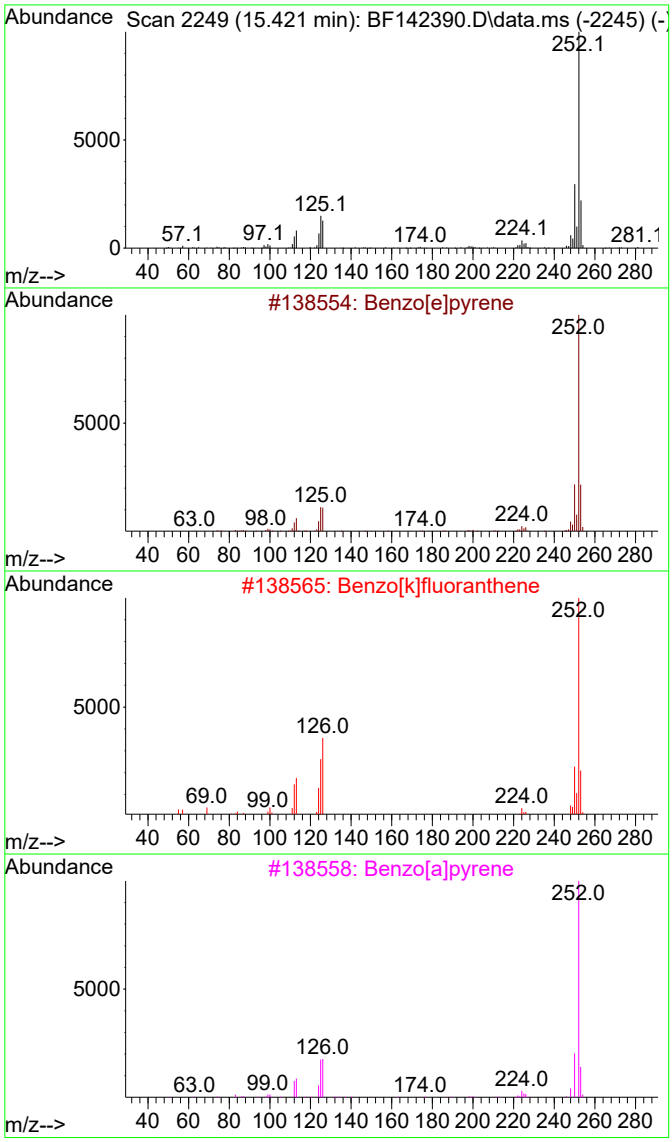
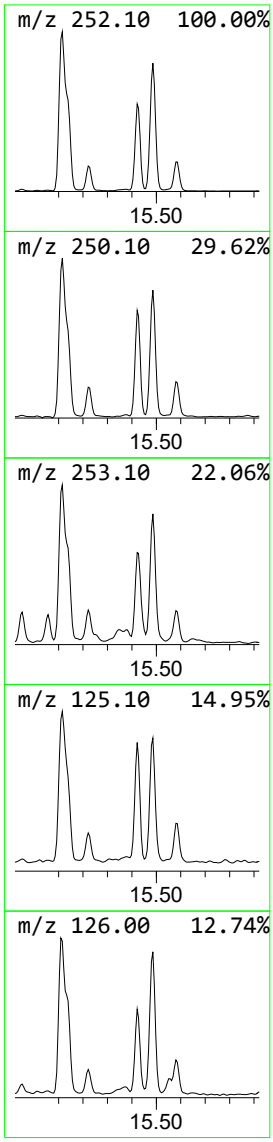
Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	3.45 ng	191171	Perylene-d12	15.551

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	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142390.D
Acq On : 15 May 2025 13:24
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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-...	5.116	6.3	ng	321783	1	6.898	1023290	20.0
Benzophenone	10.651	5.9	ng	452595	3	9.939	1532240	20.0
n-Hexadecanoic ...	11.945	7.8	ng	749597	4	11.422	1911610	20.0
4H-Cyclopenta[d...	12.033	2.4	ng	230911	4	11.422	1911610	20.0
11H-Benzo[a]flu...	13.904	2.0	ng	152953	5	14.063	1525530	20.0
Benzo[e]pyrene	15.421	3.5	ng	191171	6	15.551	1107830	20.0