LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143045.D
Acq On : 08 Jul 2025 21:12
Operator : RC/JU
Sample : Q2514-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-90

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143045.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	484	490	503	rBV	28861	44607	7.35%	0.838%
2	5.487	555	560	578	rBV	351021	504757	83.16%	9.486%
3	6.498	727	732	752	rBV	342578	477655	78.70%	8.977%
4	6.869	790	795	805	rBV	231734	284530	46.88%	5.347%
5	7.434	886	891	902	rBV	256937	326534	53.80%	6.137%
6	8.157	1009	1014	1030	rBV	262615	333443	54.94%	6.267%
7	9.228	1191	1196	1208	rBV	479853	596317	98.25%	11.207%
8	9.775	1283	1289	1296	rVB	4751	6143	1.01%	0.115%
9	9.910	1308	1312	1323	rVB	241444	307091	50.60%	5.771%
10	10.622	1428	1433	1441	rBV	41907	55871	9.21%	1.050%
11	10.704	1442	1447	1457	rVV	181483	232534	38.31%	4.370%
12	10.933	1482	1486	1490	rVB	5030	6451	1.06%	0.121%
13	11.404	1561	1566	1576	rBV	224592	283283	46.67%	5.324%
14	12.622	1769	1773	1778	rBV	26890	33404	5.50%	0.628%
15	12.798	1797	1803	1806	rBV5	4485	6482	1.07%	0.122%
16	12.851	1806	1812	1819	rBV	32116	46507	7.66%	0.874%
17	12.986	1830	1835	1844	rVB	476755	606935	100.00%	11.406%
18	13.074	1844	1850	1856	rBV4	3914	7841	1.29%	0.147%
19	13.174	1861	1867	1871	rBV3	5287	10154	1.67%	0.191%
20	13.286	1882	1886	1891	rVB2	5596	7771	1.28%	0.146%
21	13.557	1928	1932	1942	rBV8	5932	13732	2.26%	0.258%
22	13.692	1952	1955	1960	rBV2	4852	6697	1.10%	0.126%
23	13.804	1970	1974	1976	rBV2	5676	8207	1.35%	0.154%
24	13.833	1976	1979	1983	rVV3	8370	14628	2.41%	0.275%
25	13.886	1983	1988	1989	rVV3	24388	35479	5.85%	0.667%
26	13.910	1989	1992	1998	rVB2	34880	55256	9.10%	1.038%
27	14.051	2008	2016	2028	rBV	304933	466466	76.86%	8.766%
28	14.204	2038	2042	2049	rBV6	11404	20000	3.30%	0.376%
29	14.510	2091	2094	2097	rBV3	9779	12738	2.10%	0.239%
30	15.110	2192	2196	2203	rBV	35392	72398	11.93%	1.361%
31	15.416	2246	2248	2254	rVB	24700	34323	5.66%	0.645%
32	15.480	2255	2259	2265	rVV	31348	55993	9.23%	1.052%
33	15.545	2265	2270	2283	rVB	194004	322879	53.20%	6.068%
34	17.521	2602	2606	2614	rVB	10667	23906	3.94%	0.449%

Sum of corrected areas: 5321012

Instrument :
BNA_F
ClientSampleId :
TP-90

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Instrument :
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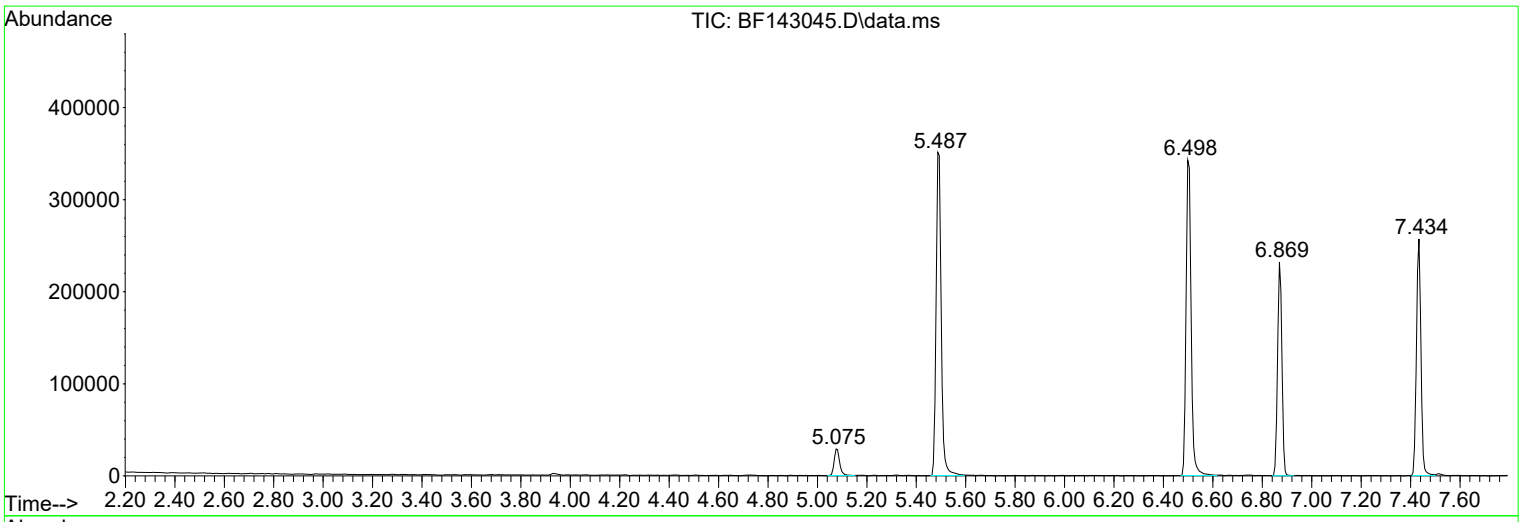
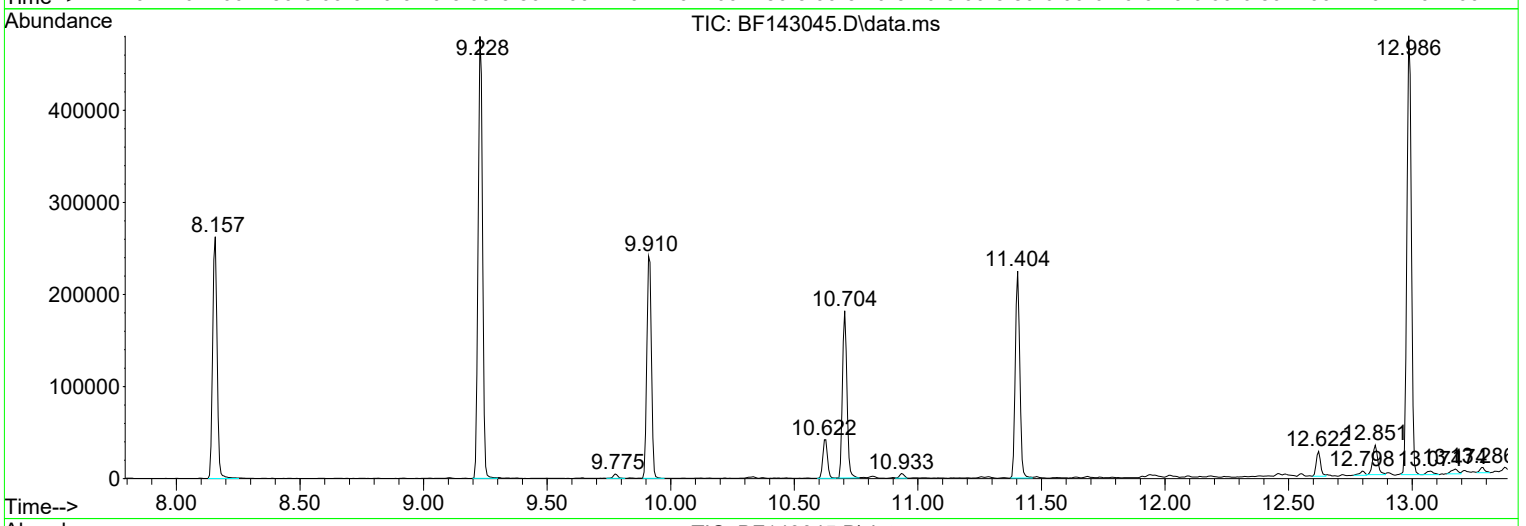
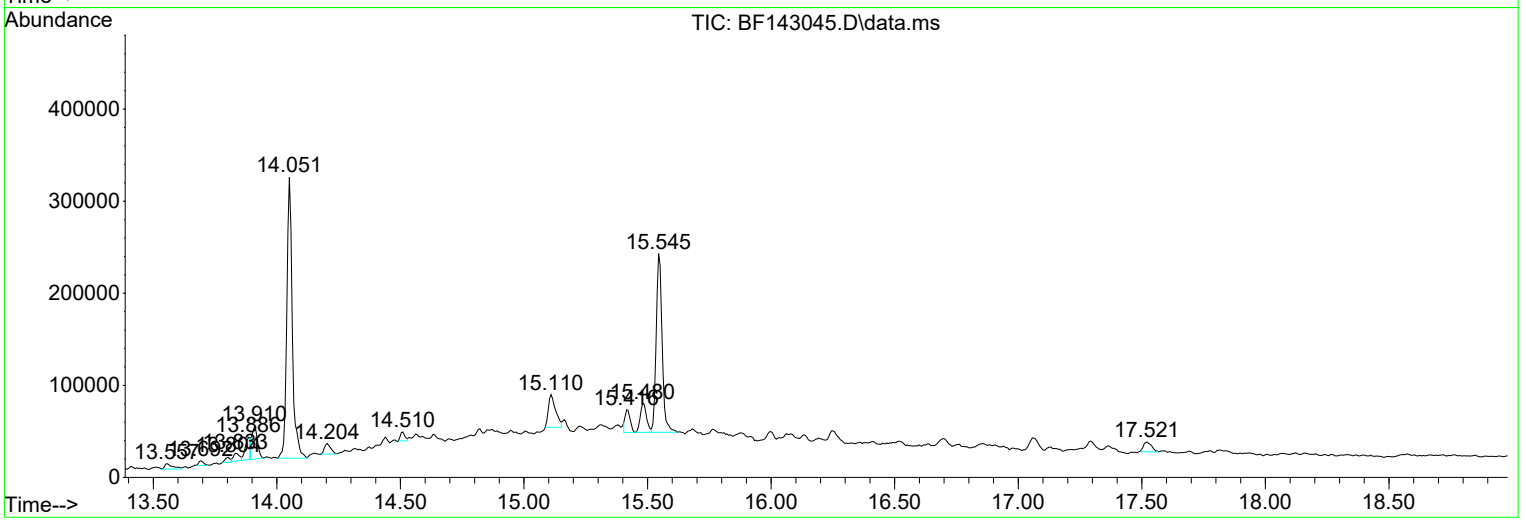
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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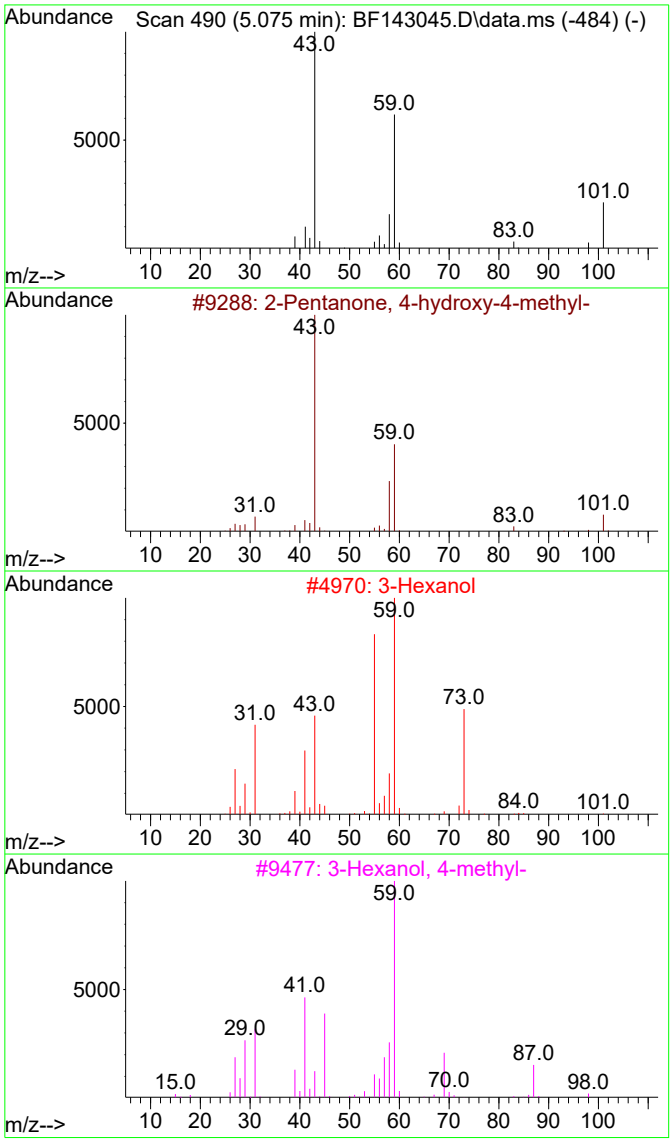
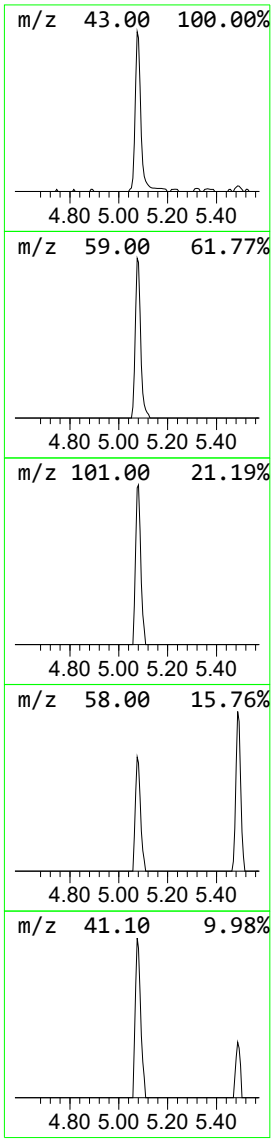
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	3.14 ng	44607	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





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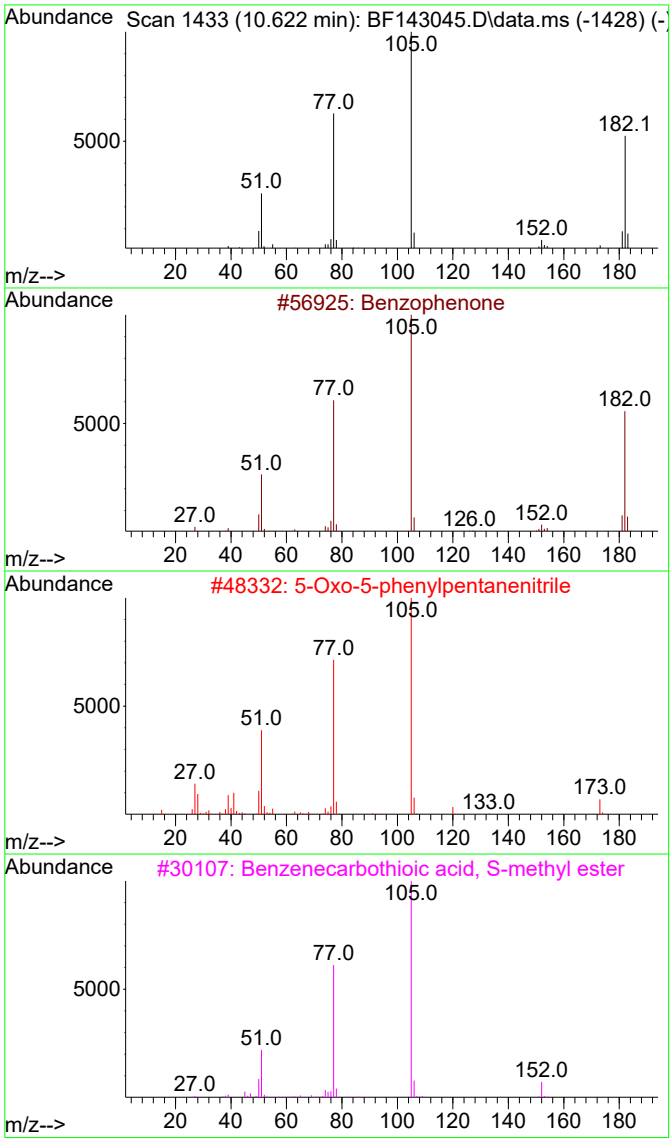
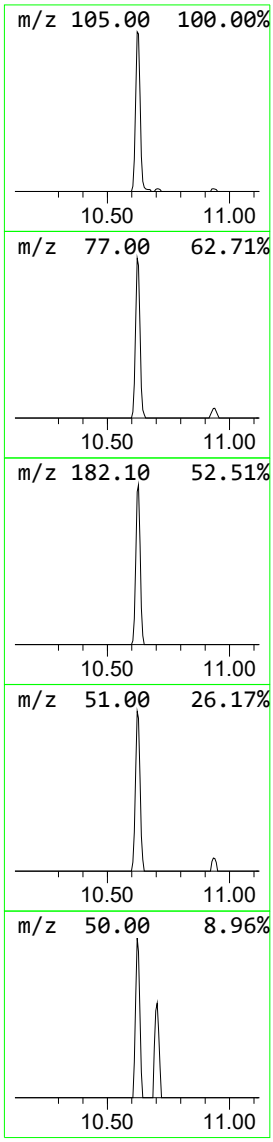
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	3.64 ng	55871	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	49
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47





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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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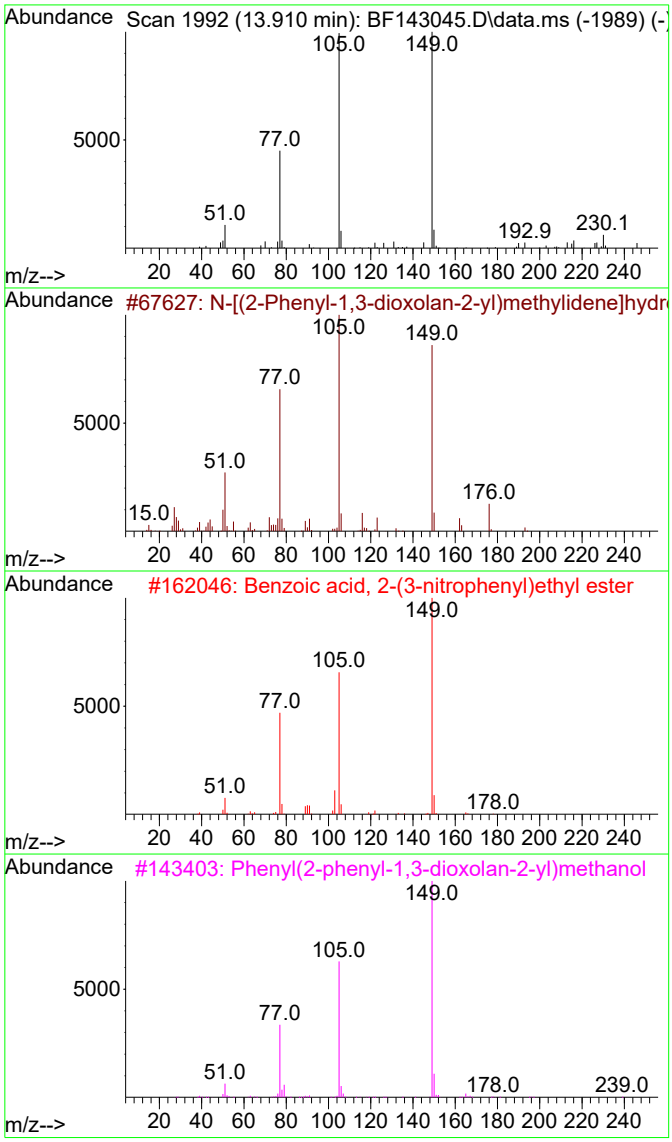
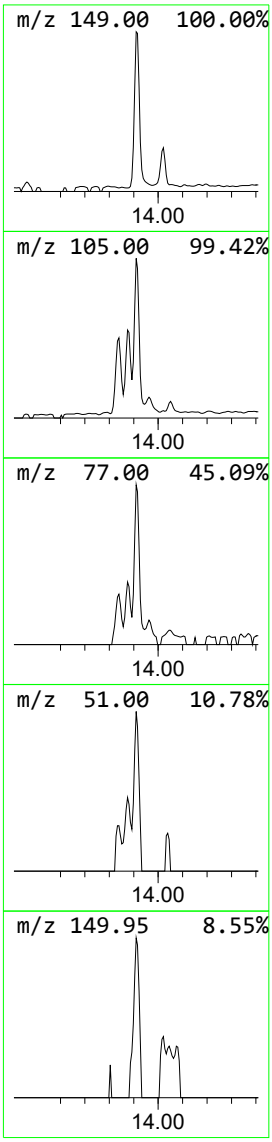
Peak Number 3 N-[(2-Phenyl-1,3-dioxolan-2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	2.37 ng	55256	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-[(2-Phenyl-1,3-dioxolan-2-yl)m...	193	C10H11NO3	1000411-48-9	78
2	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72
3	Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	72
4	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
5	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	53





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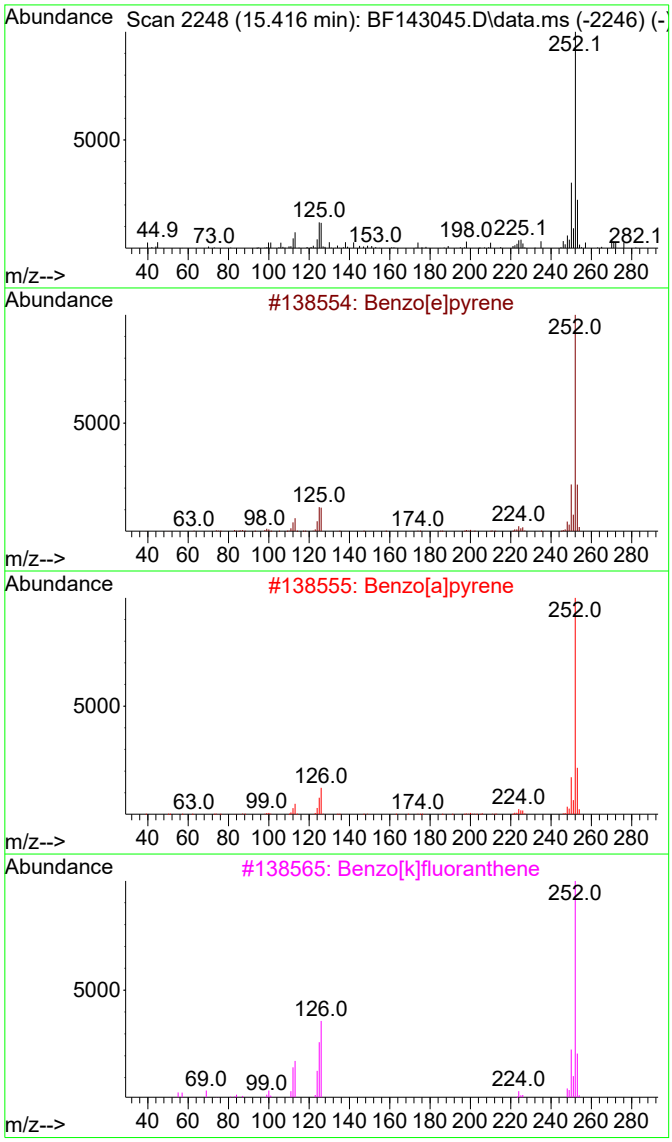
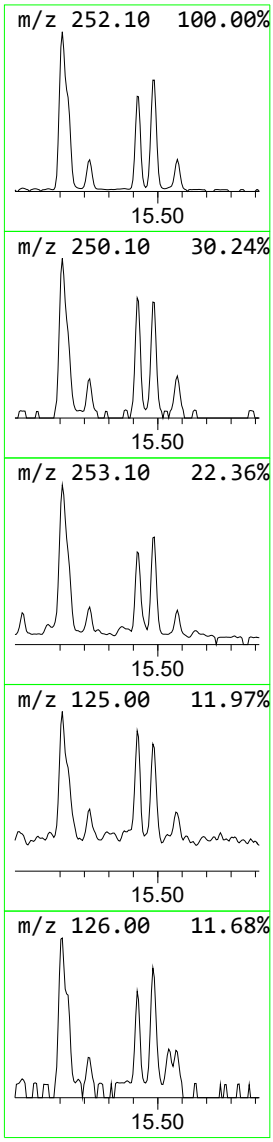
Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	2.13 ng	34323	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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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-...	5.075	3.1	ng	44607	1	6.869	284530	20.0
Benzophenone	10.622	3.6	ng	55871	3	9.910	307091	20.0
N-[(2-Phenyl-1,...	13.910	2.4	ng	55256	5	14.051	466466	20.0
Benzo[e]pyrene	15.416	2.1	ng	34323	6	15.545	322879	20.0