LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126927.D
Acq On : 17 Feb 2022 15:21
Operator : CG\JU
Sample : N1564-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126927.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.187	489	493	499	rVB	42055	54930	1.28%	0.167%
2	5.557	550	556	559	rBV	3441939	3454440	80.78%	10.492%
3	6.551	719	725	728	rBV	3106032	3675970	85.96%	11.165%
4	6.928	786	789	792	rVB	909520	700042	16.37%	2.126%
5	7.492	879	885	888	rBV	2334765	2472478	57.82%	7.510%
6	8.104	985	989	996	rBV	116401	101498	2.37%	0.308%
7	8.210	1003	1007	1010	rBV	1192008	965271	22.57%	2.932%
8	9.286	1185	1190	1193	rBV	4487328	4276211	100.00%	12.988%
9	9.969	1302	1306	1309	rBV	1368740	1055152	24.67%	3.205%
10	9.998	1309	1311	1314	rVB	75087	55464	1.30%	0.168%
11	10.516	1394	1399	1402	rVB	48777	43001	1.01%	0.131%
12	10.763	1436	1441	1444	rBV	2968775	2870110	67.12%	8.717%
13	11.310	1530	1534	1537	rBV3	42554	47353	1.11%	0.144%
14	11.351	1537	1541	1545	rVB2	47492	56243	1.32%	0.171%
15	11.457	1555	1559	1561	rBV	1217925	1082835	25.32%	3.289%
16	11.480	1561	1563	1567	rVV	918352	755811	17.67%	2.296%
17	11.533	1567	1572	1575	rVB	182753	159887	3.74%	0.486%
18	11.686	1593	1598	1601	rBV2	93372	89023	2.08%	0.270%
19	11.957	1641	1644	1647	rBV	88905	97400	2.28%	0.296%
20	11.986	1647	1649	1654	rVB	143707	111368	2.60%	0.338%
21	12.069	1660	1663	1666	rBV2	130387	154327	3.61%	0.469%
22	12.251	1692	1694	1696	rBV	74359	64634	1.51%	0.196%
23	12.274	1696	1698	1701	rVB	80394	72436	1.69%	0.220%
24	12.510	1734	1738	1740	rBV	54381	57137	1.34%	0.174%
25	12.592	1750	1752	1757	rBV	53435	51327	1.20%	0.156%
26	12.674	1762	1766	1769	rBV	1288538	1050209	24.56%	3.190%
27	12.886	1798	1802	1803	rBV2	226064	238599	5.58%	0.725%
28	12.904	1803	1805	1810	rVV	985716	804980	18.82%	2.445%
29	12.951	1810	1813	1817	rVB2	48874	53926	1.26%	0.164%
30	13.051	1825	1830	1833	rVB	4474495	4081830	95.45%	12.398%
31	13.116	1836	1841	1845	rBV2	50416	88951	2.08%	0.270%
32	13.227	1858	1860	1863	rVB	99979	90883	2.13%	0.276%
33	13.298	1869	1872	1874	rVB	56017	43218	1.01%	0.131%
34	13.333	1874	1878	1881	rBV2	75124	83896	1.96%	0.255%
35	13.733	1943	1946	1951	rVB	73694	72329	1.69%	0.220%
36	13.851	1961	1966	1968	rBV2	65173	87069	2.04%	0.264%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
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Acq On : 17 Feb 2022 15:21
Operator : CG\JU
Sample : N1564-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.880	1968	1971	1973	rVV	64181	64461	1.51%	0.196%
38	13.904	1973	1975	1978	rVV2	54243	81881	1.91%	0.249%
39	13.939	1978	1981	1990	rVB2	186722	291194	6.81%	0.884%
40	14.098	2000	2008	2011	rBV2	781106	1096514	25.64%	3.330%
41	14.127	2011	2013	2019	rVB	390204	317163	7.42%	0.963%
42	14.210	2024	2027	2030	rVV	52280	46177	1.08%	0.140%
43	14.486	2069	2074	2077	rVB	48223	48016	1.12%	0.146%
44	14.992	2158	2160	2168	rVB3	32204	50639	1.18%	0.154%
45	15.157	2184	2188	2192	rBV	242315	393031	9.19%	1.194%
46	15.474	2238	2242	2248	rVB	146128	190798	4.46%	0.580%
47	15.539	2248	2253	2258	rBV	201141	241173	5.64%	0.733%
48	15.604	2259	2264	2268	rBV	420592	565507	13.22%	1.718%
49	17.127	2517	2523	2533	rVB2	93638	190919	4.46%	0.580%
50	17.592	2596	2602	2610	rBV	63945	126336	2.95%	0.384%

Sum of corrected areas: 32924047

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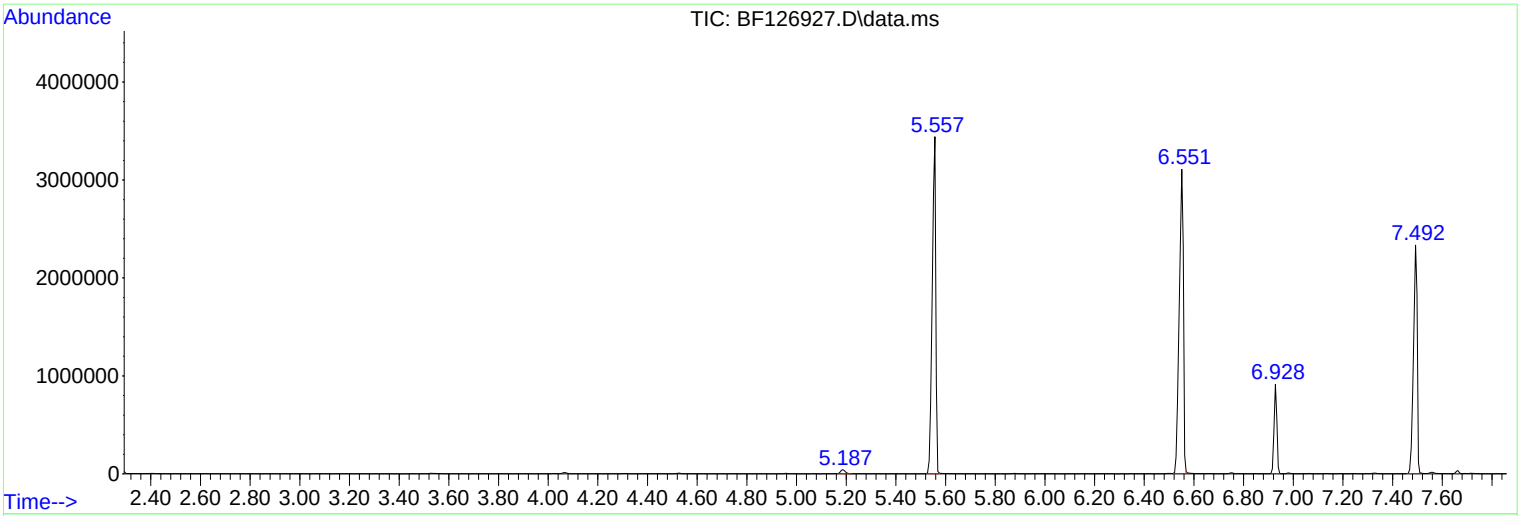
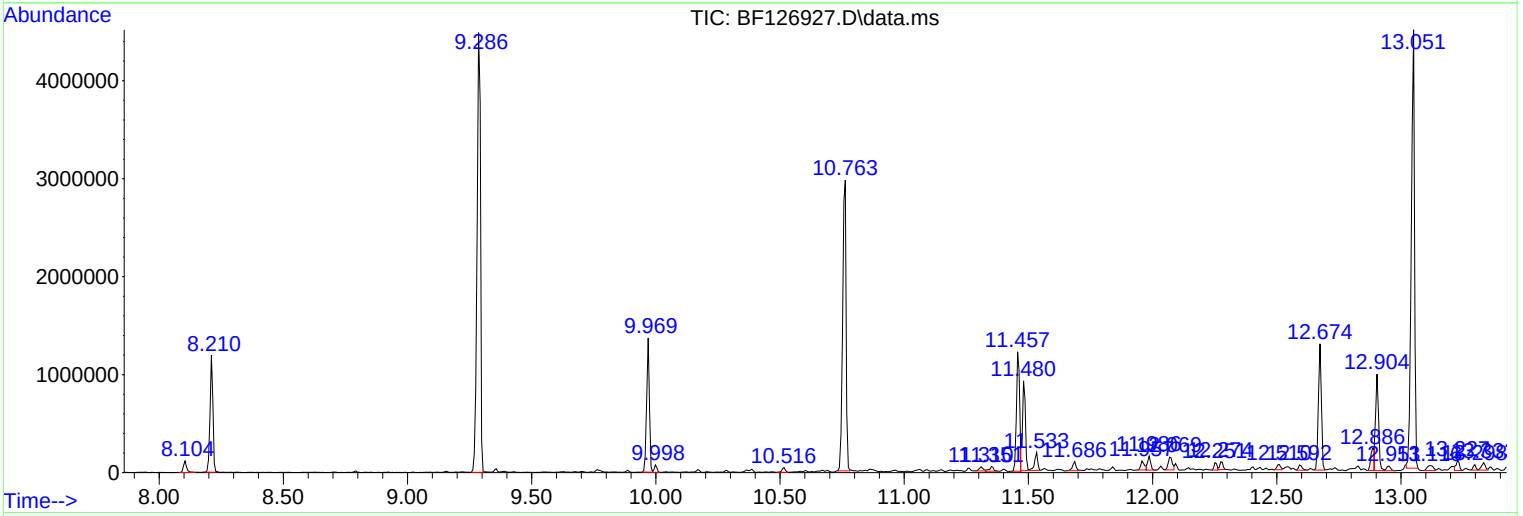
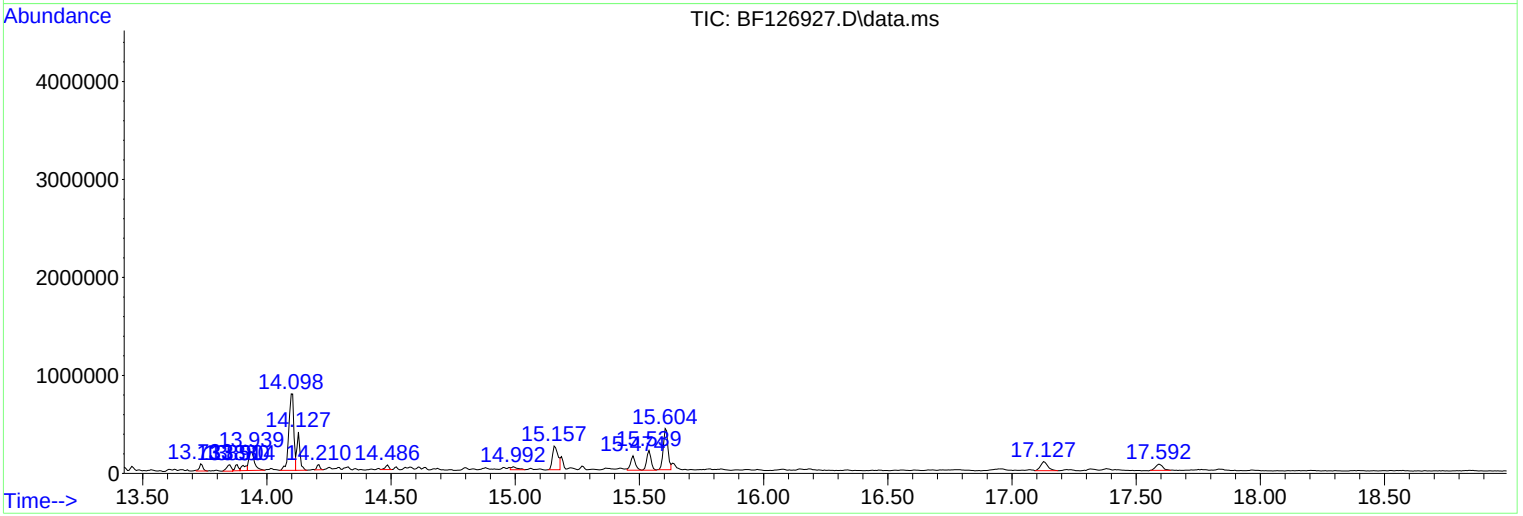
Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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\BF021722\
Data File : BF126927.D
Acq On : 17 Feb 2022 15:21
Operator : CG\JU
Sample : N1564-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

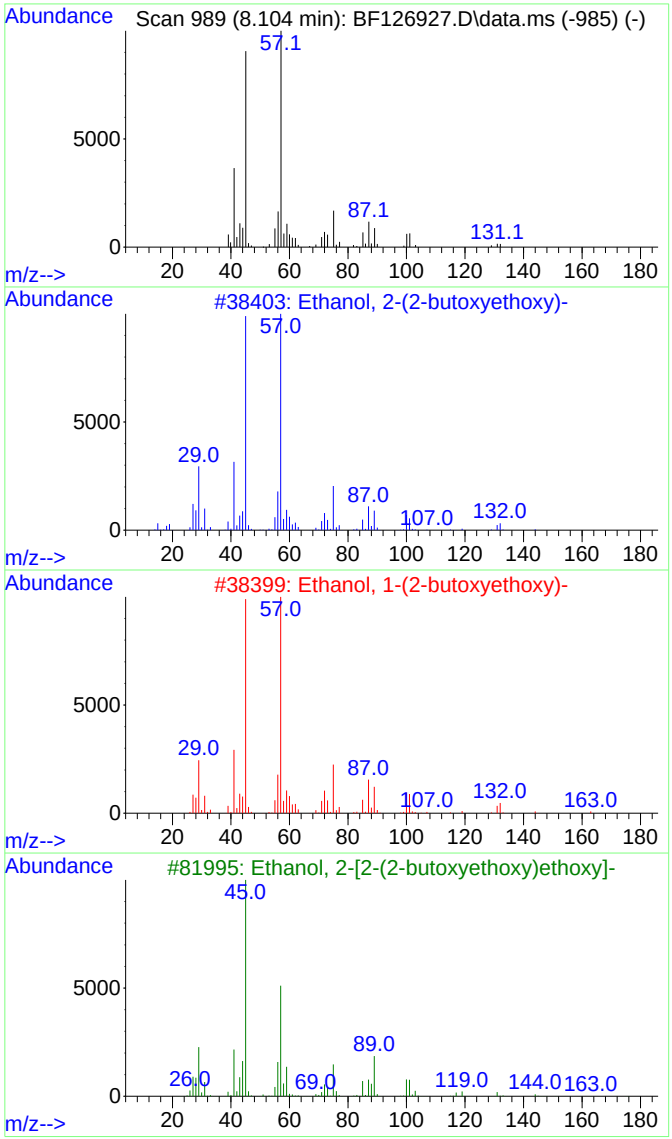
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

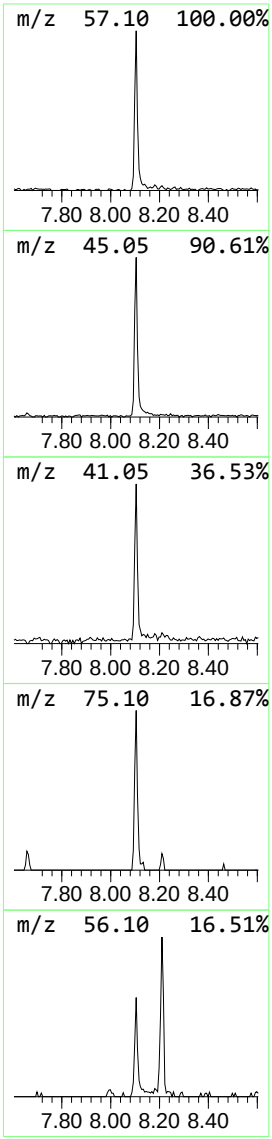
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.104	2.10 ng	101498	Naphthalene-d8	8.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	78
4	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	64
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126927.D
Acq On : 17 Feb 2022 15:21
Operator : CG\JU
Sample : N1564-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

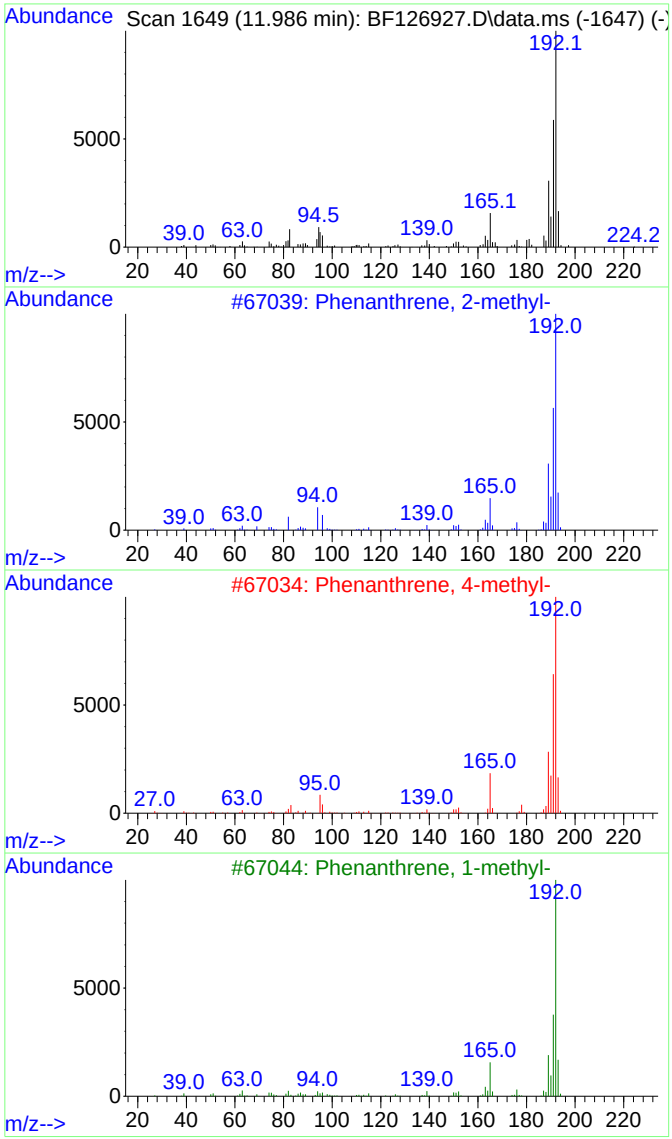
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

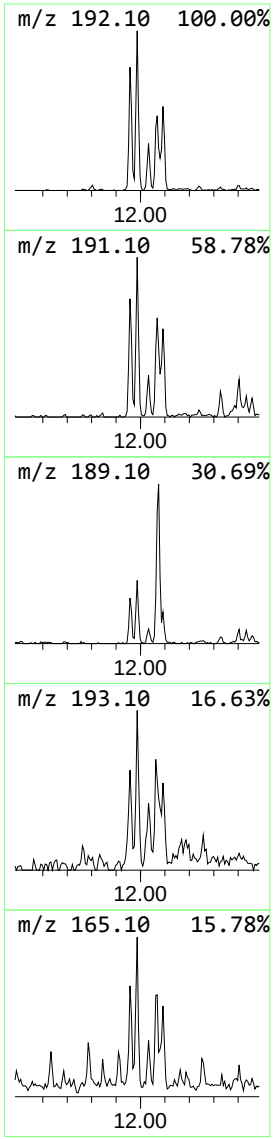
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	2.06 ng	111368	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126927.D
Acq On : 17 Feb 2022 15:21
Operator : CG\JU
Sample : N1564-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

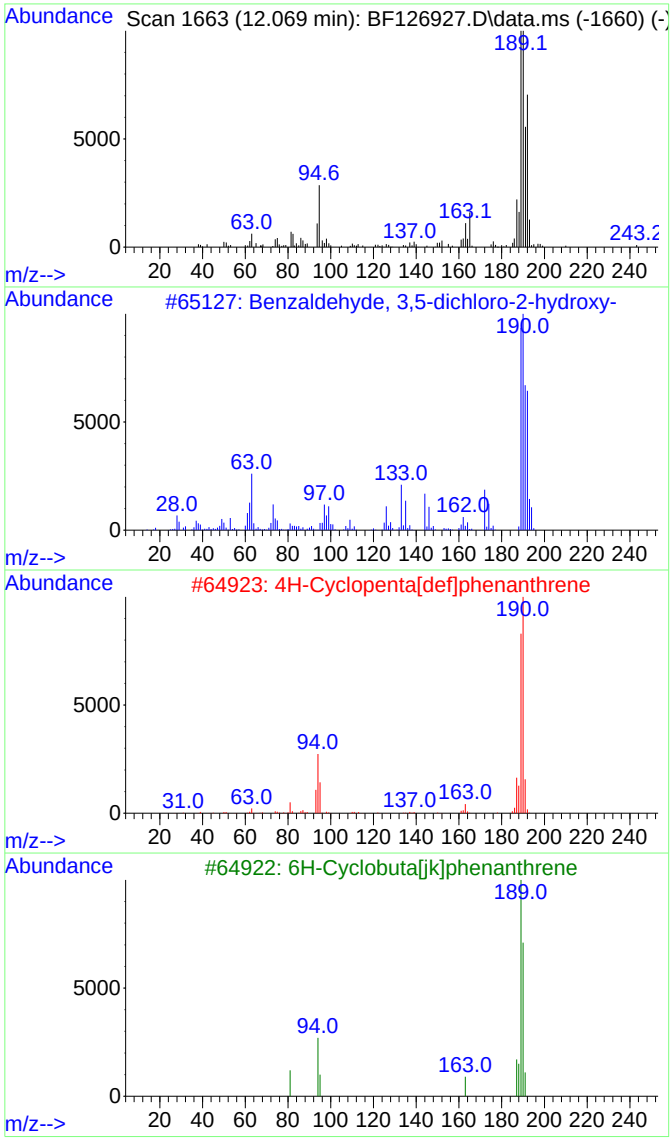
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

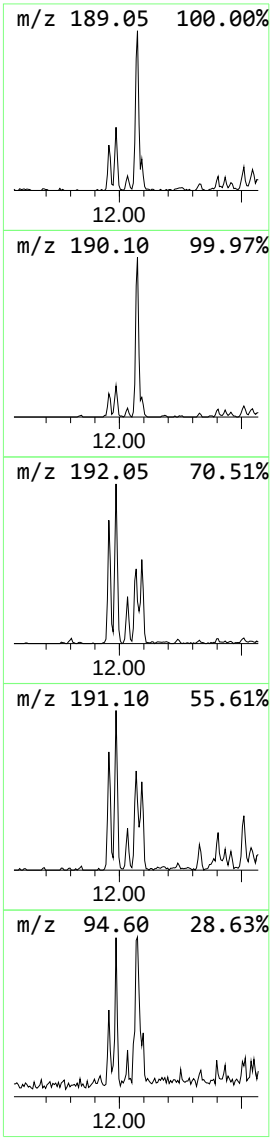
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	2.85 ng	154327	Phenanthrene-d10	11.457

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	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126927.D
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Sample : N1564-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

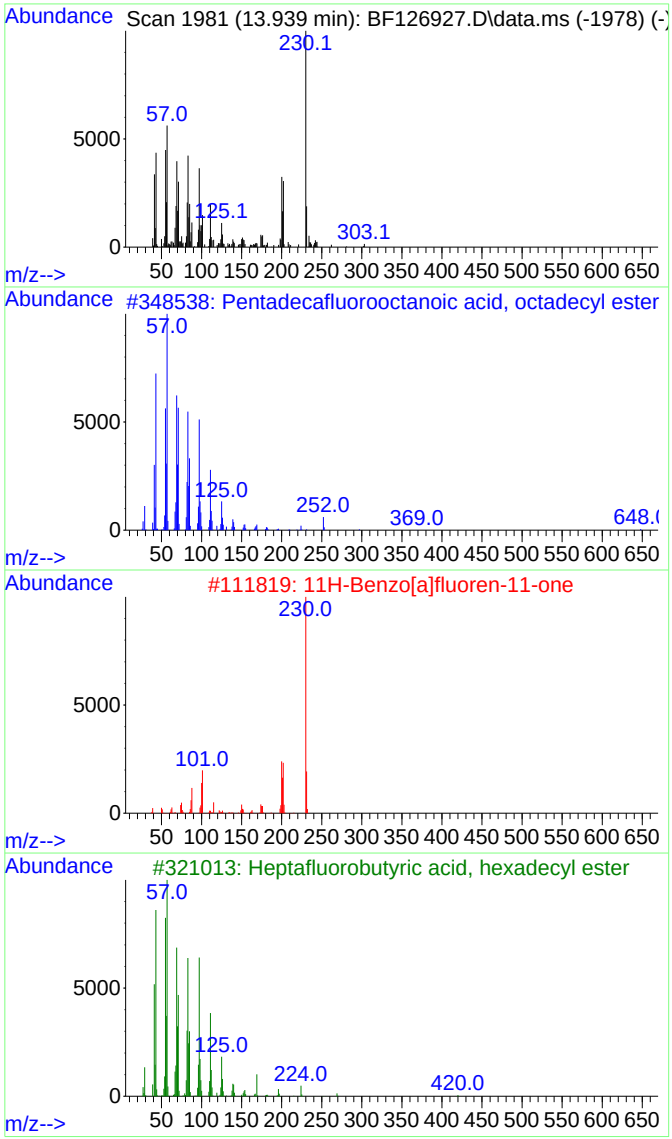
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

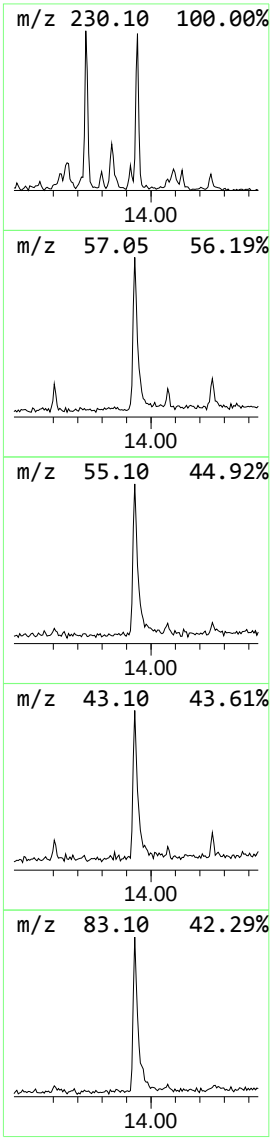
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	5.31 ng	291194	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	81
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	70
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	50
4	Butyl docosyl ether	382	C26H54O	1000406-40-8	42
5	1-Heptacosanol	396	C27H56O	002004-39-9	42





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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

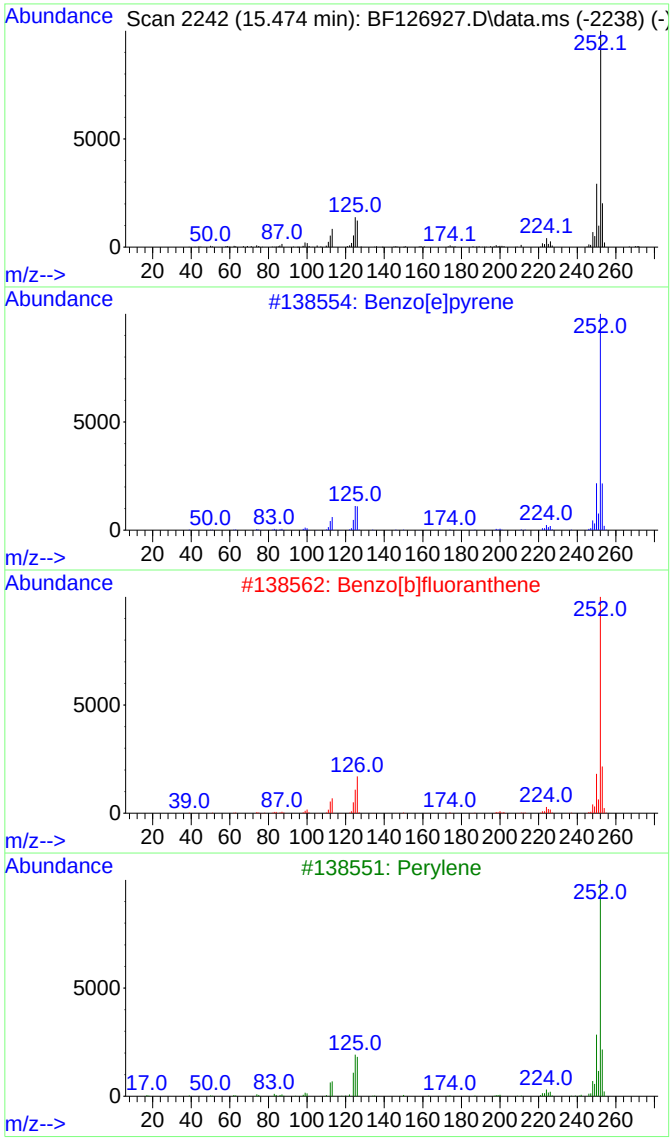
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

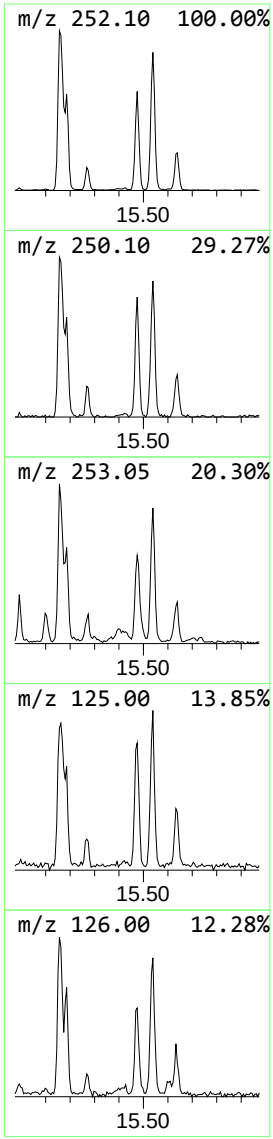
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.474	6.75 ng	190798	Perylene-d12	15.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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
Ethanol, 2-(2-b...	8.104	2.1	ng	101498	2	8.210	965271	20.0
Phenanthrene, 2...	11.986	2.1	ng	111368	4	11.457	1082840	20.0
Benzaldehyde, 3...	12.069	2.9	ng	154327	4	11.457	1082840	20.0
Pentadecafluoro...	13.939	5.3	ng	291194	5	14.104	1096510	20.0
Benzo[e]pyrene	15.474	6.8	ng	190798	6	15.604	565507	20.0