LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
Data File : BF121941.D
Acq On : 13 Oct 2020 16:42
Operator : JU/CG
Sample : L4369-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-5

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF121941.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	485	488	503	rVB	29199	43125	1.85%	0.208%
2	5.363	553	557	580	rBV	2110788	2079166	88.96%	10.041%
3	6.387	727	731	759	rBV	2132761	2124138	90.89%	10.258%
4	6.581	761	764	779	rBV	89493	138481	5.93%	0.669%
5	6.740	788	791	798	rBV	701959	612867	26.22%	2.960%
6	7.310	883	888	900	rBV	1528358	1439850	61.61%	6.954%
7	8.028	1006	1010	1026	rVB	830084	822976	35.21%	3.974%
8	8.834	1143	1147	1152	rVB	32162	30980	1.33%	0.150%
9	9.098	1188	1192	1203	rBV	2604099	2337146	100.00%	11.287%
10	9.216	1208	1212	1218	rVB	90974	90320	3.86%	0.436%
11	9.439	1246	1250	1252	rBV	30572	31527	1.35%	0.152%
12	9.498	1256	1260	1266	rVB	339671	336290	14.39%	1.624%
13	9.639	1281	1284	1290	rVB	158603	129481	5.54%	0.625%
14	9.775	1303	1307	1311	rBV	988696	835514	35.75%	4.035%
15	10.092	1357	1361	1363	rBV2	25292	27094	1.16%	0.131%
16	10.234	1382	1385	1388	rBV	29142	27865	1.19%	0.135%
17	10.322	1398	1400	1406	rVB3	32223	47418	2.03%	0.229%
18	10.569	1437	1442	1452	rBV	1356071	1369446	58.59%	6.614%
19	10.686	1458	1462	1473	rBV8	19501	32796	1.40%	0.158%
20	10.869	1489	1493	1496	rBV2	24461	35666	1.53%	0.172%
21	11.157	1539	1542	1546	rVB	23699	27076	1.16%	0.131%
22	11.263	1556	1560	1562	rBV	880788	805552	34.47%	3.890%
23	11.286	1562	1564	1567	rVV	179798	155985	6.67%	0.753%
24	11.339	1570	1573	1576	rVB	57763	52278	2.24%	0.252%
25	11.763	1641	1645	1647	rBV	75889	69696	2.98%	0.337%
26	11.792	1647	1650	1655	rVV	106432	103591	4.43%	0.500%
27	11.839	1655	1658	1661	rVV	47787	52033	2.23%	0.251%
28	11.875	1661	1664	1666	rVV2	110955	125998	5.39%	0.608%
29	11.898	1666	1668	1673	rVB2	64975	72210	3.09%	0.349%
30	12.310	1732	1738	1741	rBV	94027	112204	4.80%	0.542%
31	12.345	1741	1744	1747	rVV2	61334	84228	3.60%	0.407%
32	12.404	1750	1754	1757	rBV3	35865	50611	2.17%	0.244%
33	12.475	1762	1766	1769	rVB	258187	220145	9.42%	1.063%
34	12.569	1779	1782	1786	rVB	65309	54133	2.32%	0.261%
35	12.622	1786	1791	1793	rBV4	31570	55650	2.38%	0.269%
36	12.645	1793	1795	1800	rVV	44453	46456	1.99%	0.224%

LSC Area Percent Report

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Operator : JU/CG
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Misc :
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Instrument : BNA_F
ClientSampleId : HD-5

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.704	1800	1805	1810	rVV	287022	319987	13.69%	1.545%
38	12.763	1812	1815	1818	rVB2	33176	33152	1.42%	0.160%
39	12.845	1825	1829	1832	rBV	2246357	1998208	85.50%	9.650%
40	12.922	1839	1842	1848	rBV3	48188	67954	2.91%	0.328%
41	13.010	1853	1857	1858	rVV2	49763	55458	2.37%	0.268%
42	13.033	1858	1861	1864	rVB	88221	90838	3.89%	0.439%
43	13.074	1865	1868	1870	rBV3	34929	38435	1.64%	0.186%
44	13.098	1870	1872	1875	rVV	68209	61115	2.61%	0.295%
45	13.133	1875	1878	1882	rVV2	61355	70237	3.01%	0.339%
46	13.204	1886	1890	1892	rBV3	27685	42793	1.83%	0.207%
47	13.227	1892	1894	1896	rVV2	77398	64597	2.76%	0.312%
48	13.257	1896	1899	1902	rVB	68825	66199	2.83%	0.320%
49	13.651	1961	1966	1969	rBV3	45036	86107	3.68%	0.416%
50	13.757	1980	1984	1992	rVB3	232030	376033	16.09%	1.816%
51	13.904	2002	2009	2011	rBV2	826501	962259	41.17%	4.647%
52	13.927	2011	2013	2016	rVB	148436	123094	5.27%	0.594%
53	13.986	2021	2023	2025	rBV2	27287	25164	1.08%	0.122%
54	14.057	2033	2035	2040	rBV4	31908	38543	1.65%	0.186%
55	14.251	2066	2068	2070	rBV2	29488	26061	1.12%	0.126%
56	14.292	2072	2075	2078	rVV2	70166	75427	3.23%	0.364%
57	14.321	2078	2080	2082	rVV	38751	29150	1.25%	0.141%
58	14.927	2180	2183	2186	rBV	105259	132572	5.67%	0.640%
59	15.216	2229	2232	2239	rVB	107353	124798	5.34%	0.603%
60	15.274	2239	2242	2247	rBV	133334	169750	7.26%	0.820%
61	15.339	2248	2253	2257	rBV	584622	750992	32.13%	3.627%
62	16.745	2489	2492	2498	rVB	64824	88243	3.78%	0.426%
63	17.168	2560	2564	2569	rVB	61923	109402	4.68%	0.528%

Sum of corrected areas: 20706560

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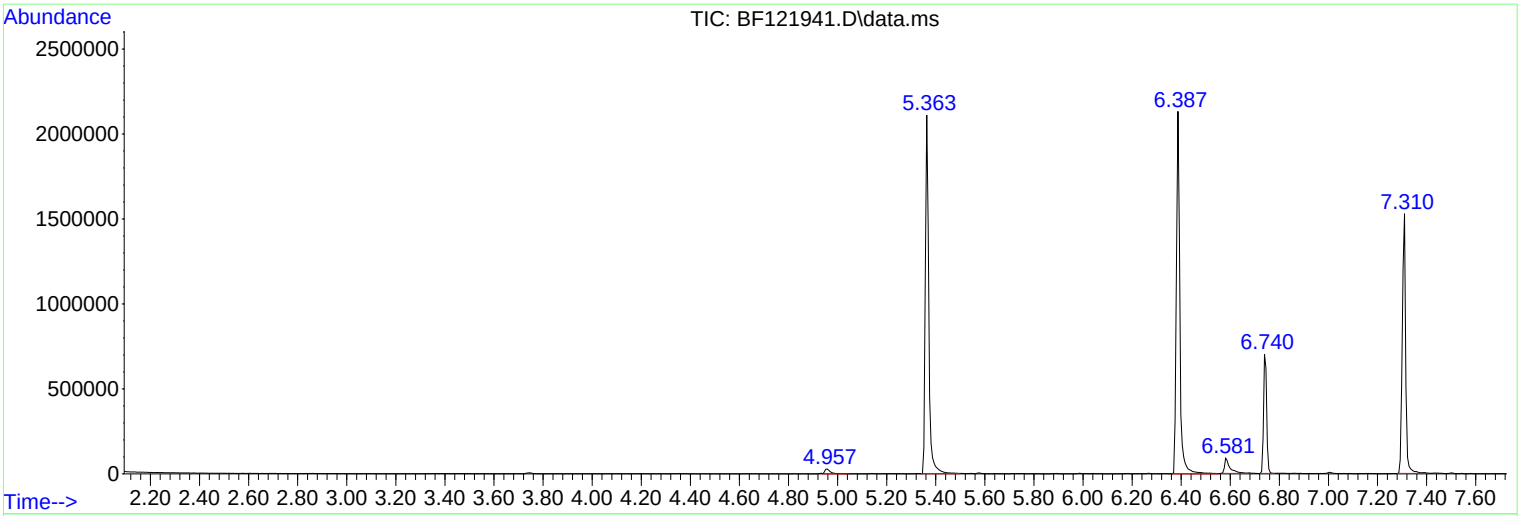
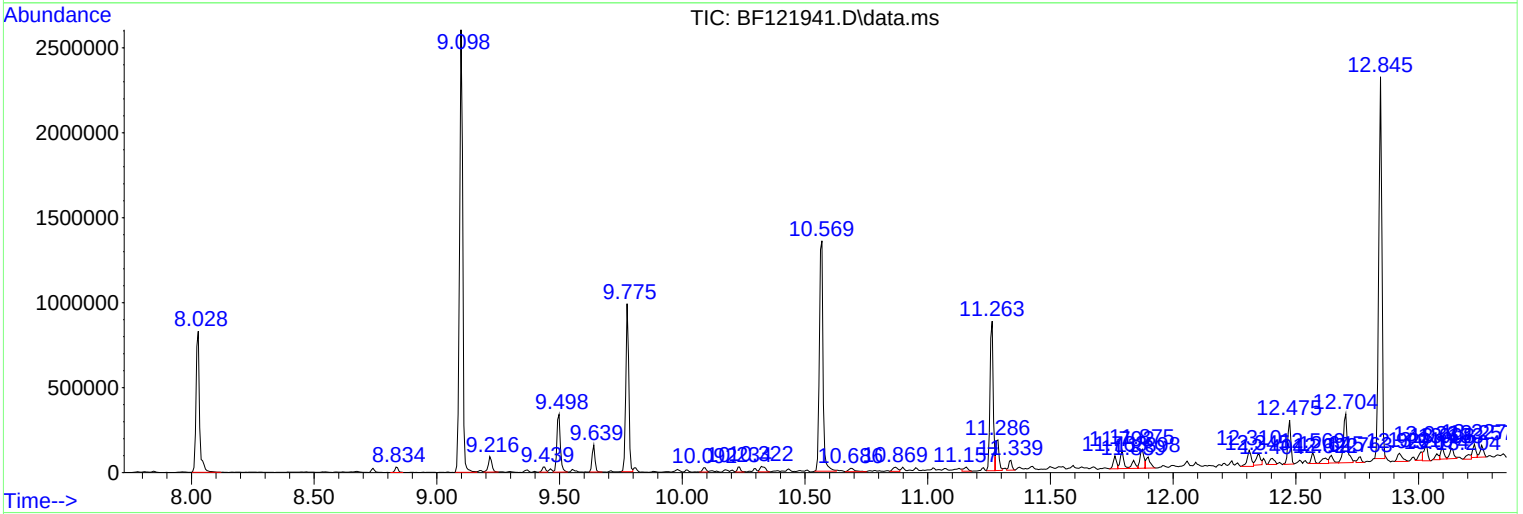
Misc :
ALS Vial : 9 Sample Multiplier: 1

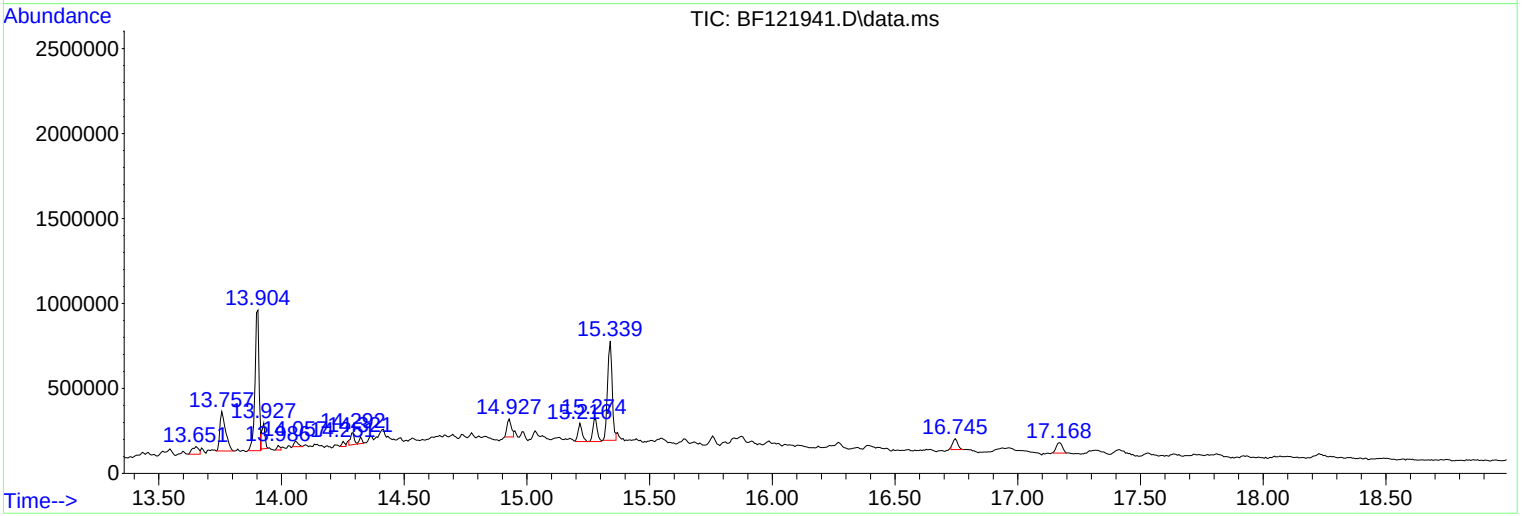
Instrument :
BNA_F
ClientSampleId :
HD-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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Instrument : BNA_F
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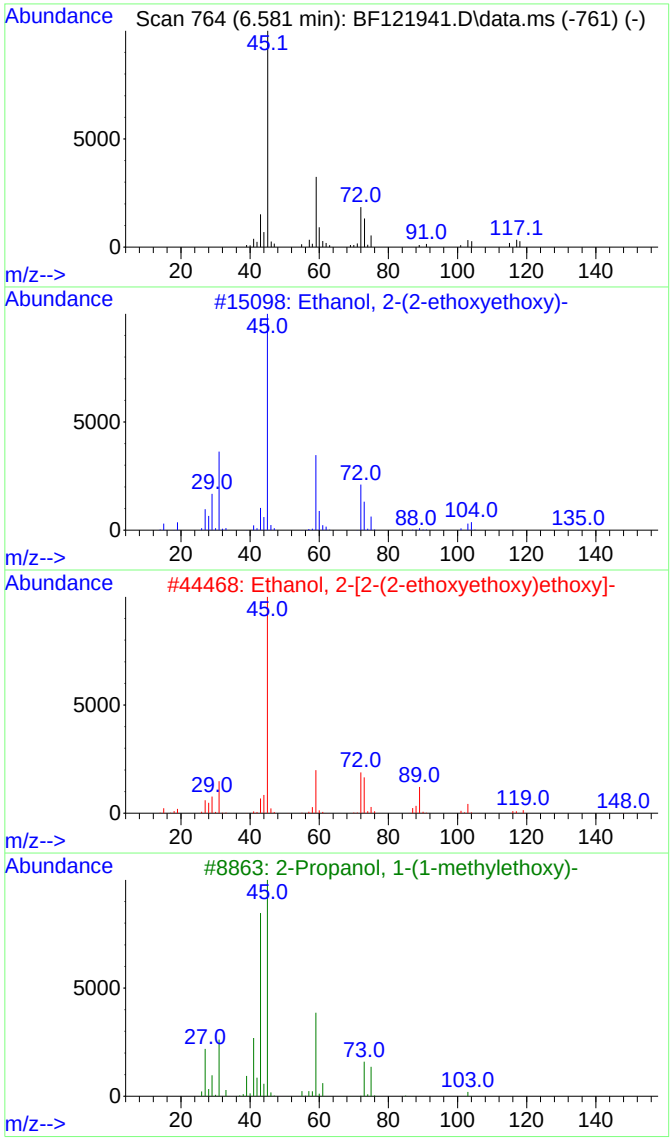
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

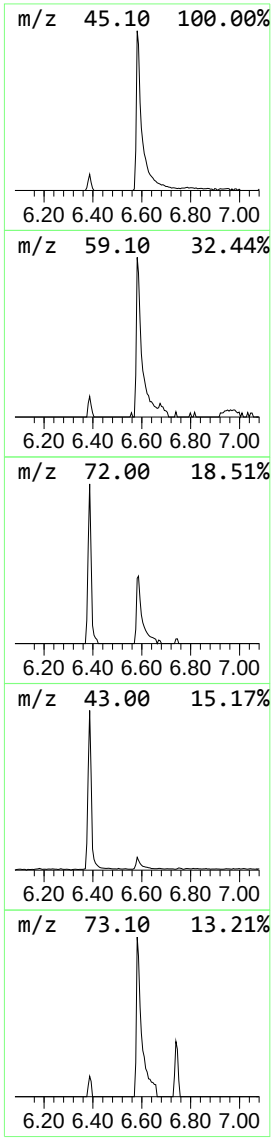
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.581	4.52 ng	138481	1,4-Dichlorobenzene-d4	6.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	59
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
4	2-Methoxyisopropyl cyanoacetate	157	C7H11NO3	032804-79-8	36
5	Ethyl ether	74	C4H10O	000060-29-7	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
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Acq On : 13 Oct 2020 16:42
Operator : JU/CG
Sample : L4369-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-5

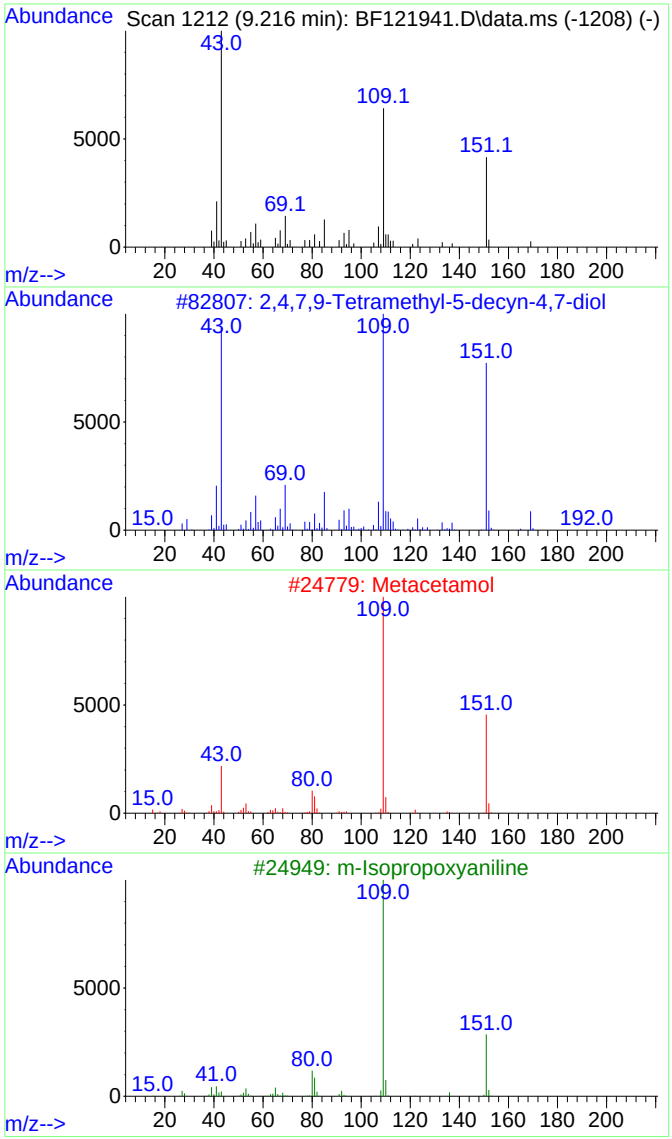
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

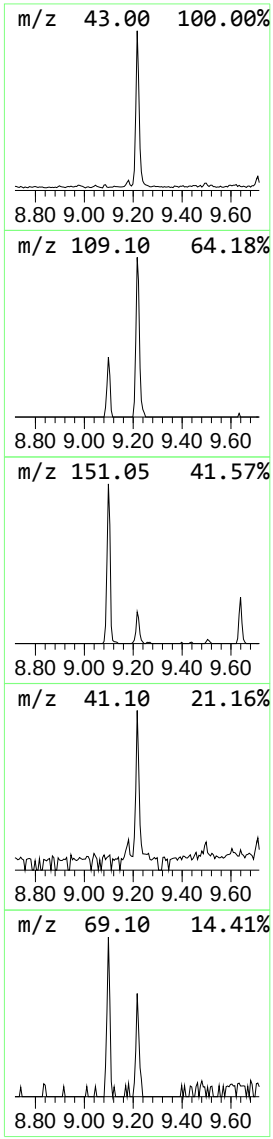
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	2.16 ng	90320	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
2	Metacetamol	151	C8H9NO2	000621-42-1	52
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50
4	Acetaminophen	151	C8H9NO2	000103-90-2	40
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	35





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Operator : JU/CG
Sample : L4369-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

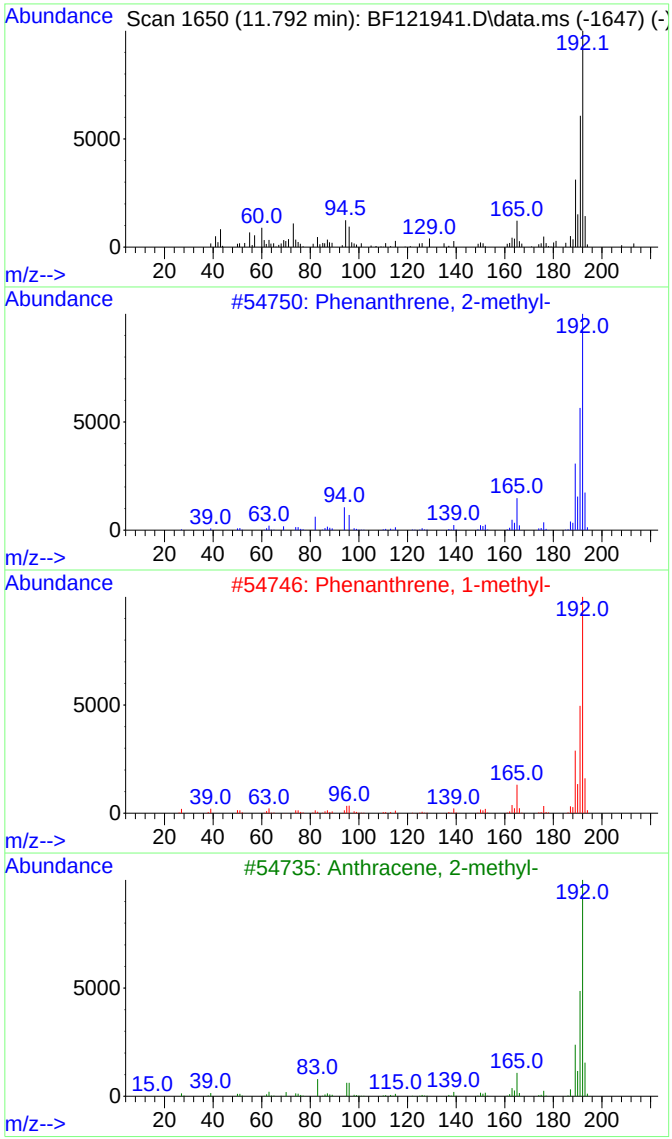
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

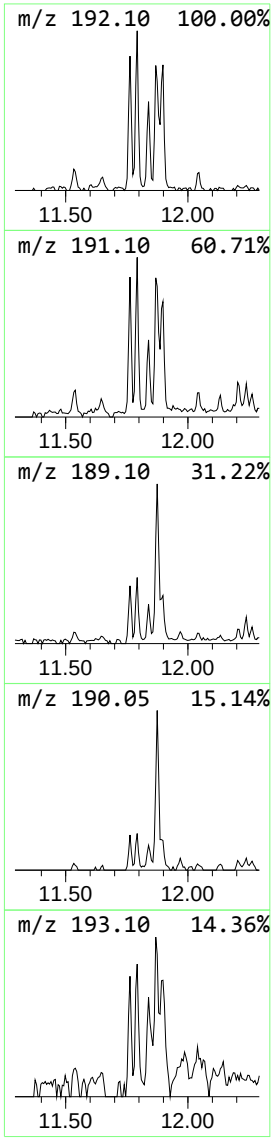
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	2.57 ng	103591	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-5

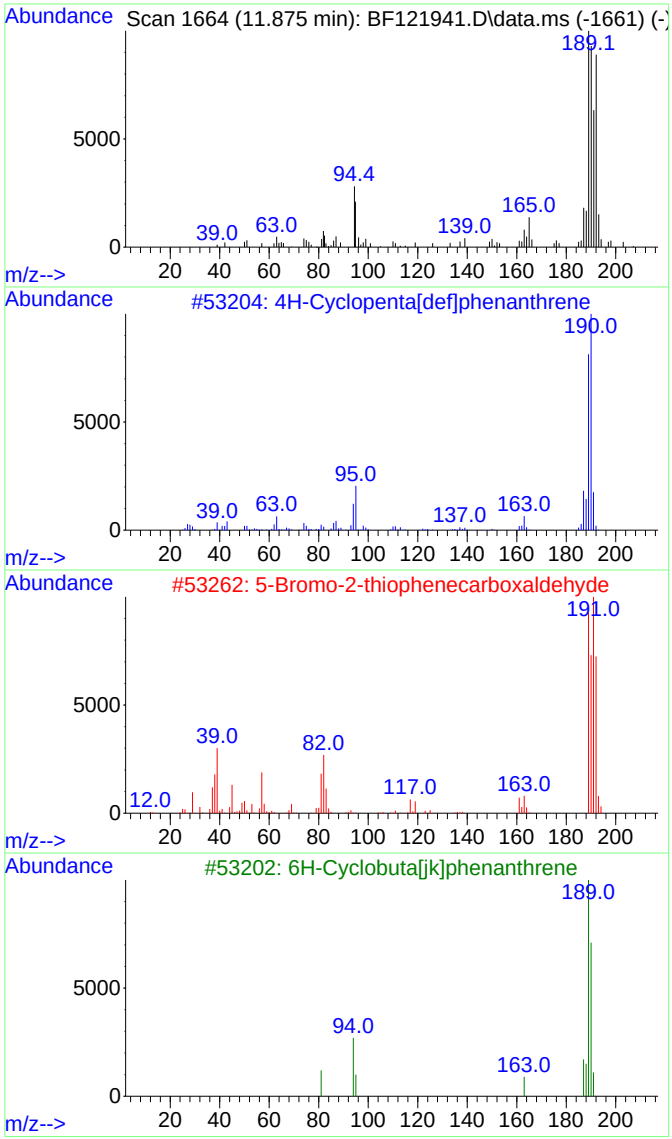
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

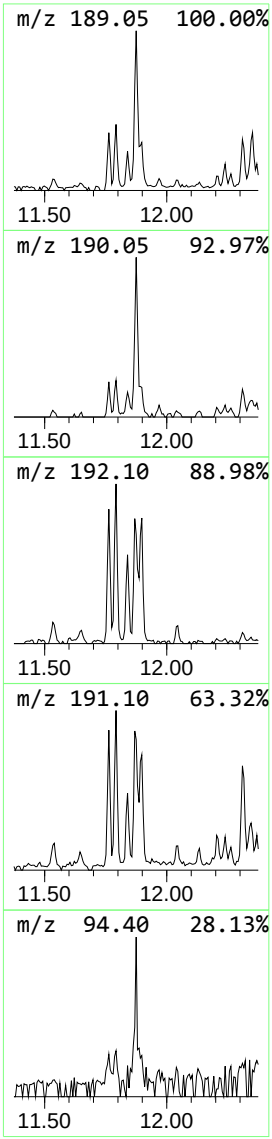
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.875	3.13 ng	125998	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42





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Instrument : BNA_F
ClientSampleId : HD-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

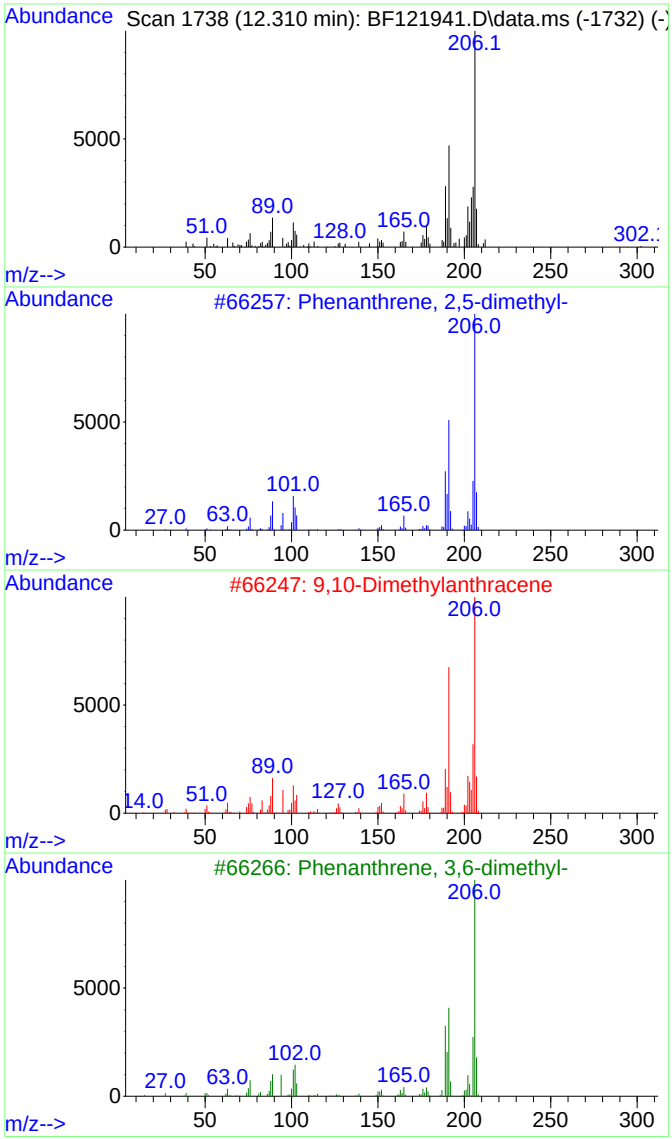
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

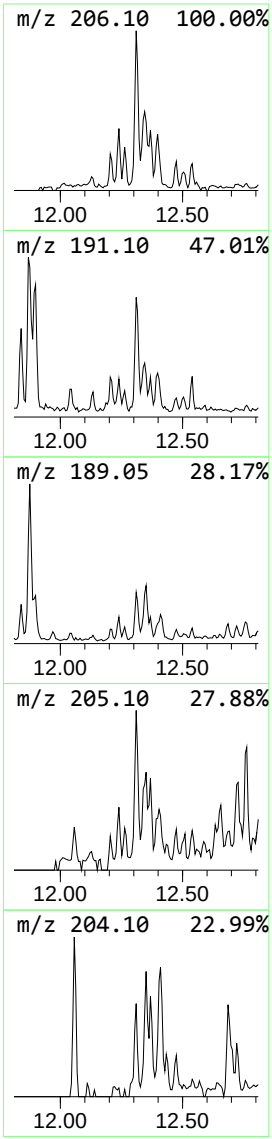
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	2.79 ng	112204	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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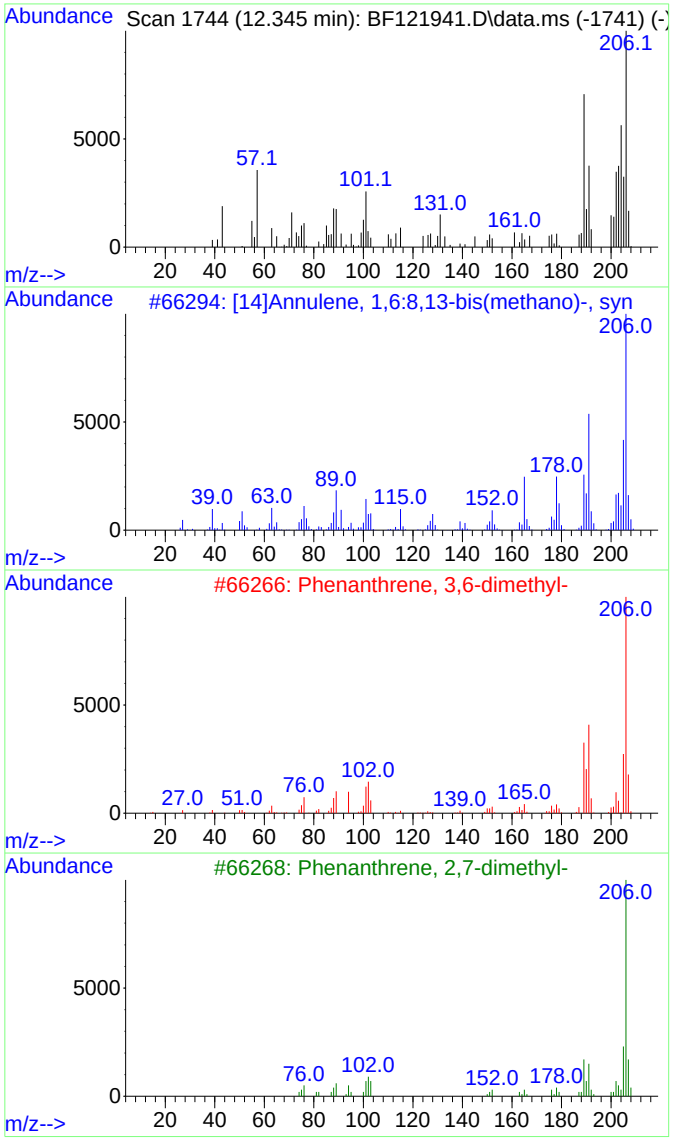
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

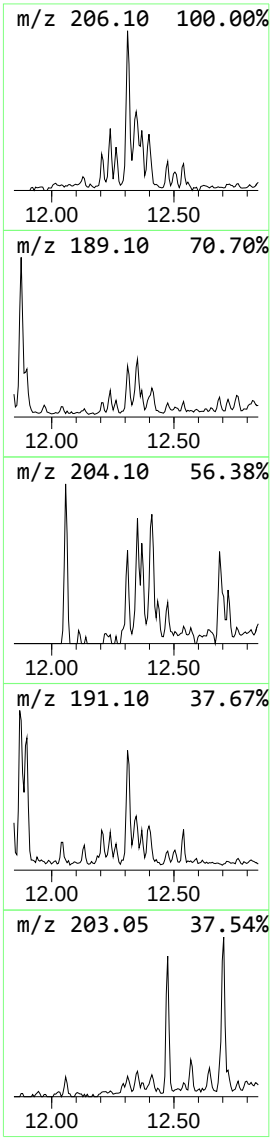
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 [14]Annulene, 1,6:8,13-bis(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	2.09 ng	84228	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	55
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	52
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	50
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46





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Operator : JU/CG
Sample : L4369-10
Misc :
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Instrument : BNA_F
ClientSampleId : HD-5

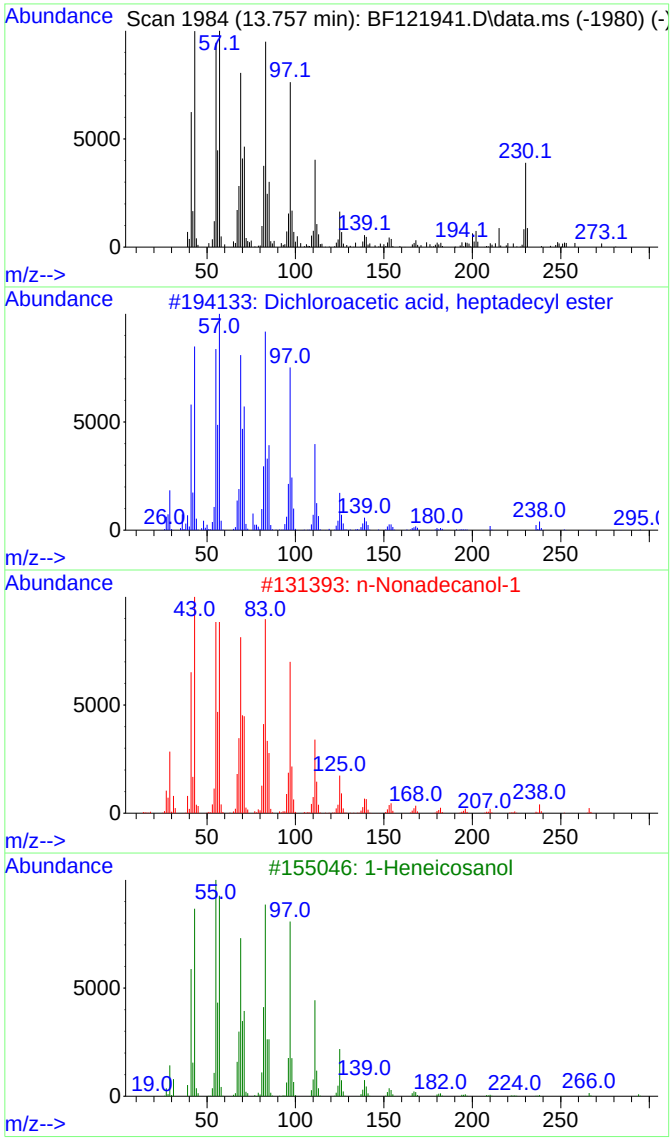
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

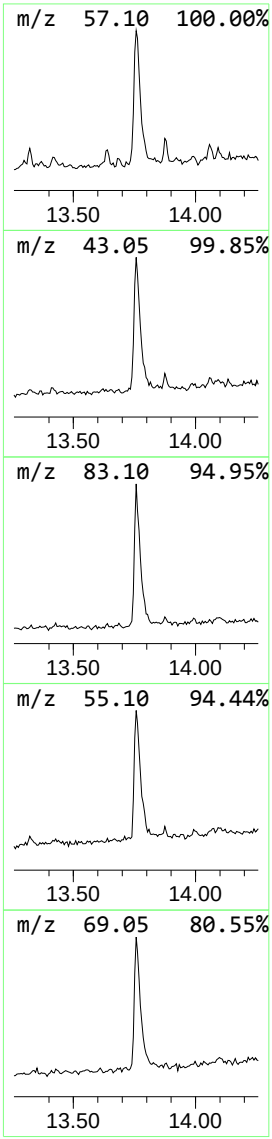
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	7.82 ng	376033	Chrysene-d12	13.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
Data File : BF121941.D
Acq On : 13 Oct 2020 16:42
Operator : JU/CG
Sample : L4369-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

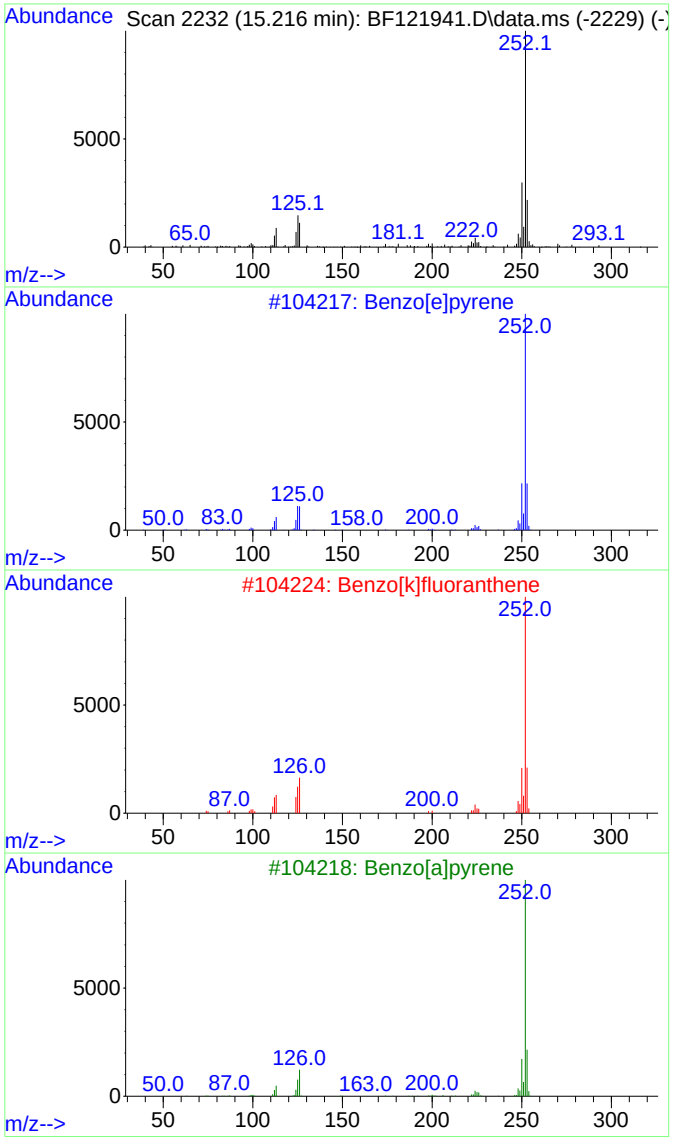
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

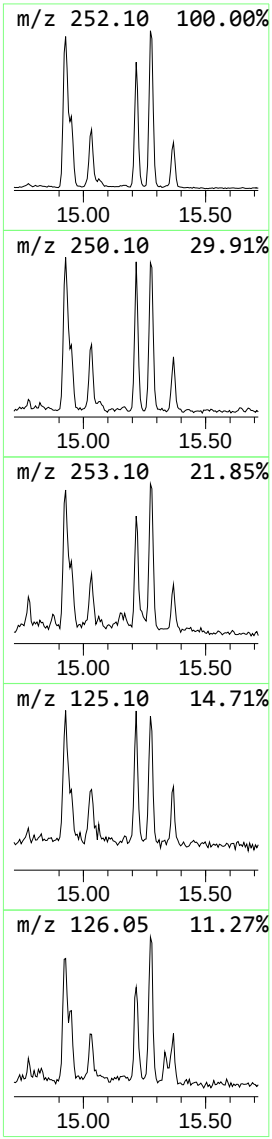
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	3.32 ng	124798	Perylene-d12	15.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
Data File : BF121941.D
Acq On : 13 Oct 2020 16:42
Operator : JU/CG
Sample : L4369-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.581	4.5	ng	138481	1	6.740	612867	20.0
2,4,7,9-Tetrame...	9.216	2.2	ng	90320	3	9.775	835514	20.0
Phenanthrene, 2...	11.792	2.6	ng	103591	4	11.263	805552	20.0
4H-Cyclopenta[d...	11.875	3.1	ng	125998	4	11.263	805552	20.0
Phenanthrene, 2...	12.310	2.8	ng	112204	4	11.263	805552	20.0
[14]Annulene, 1...	12.345	2.1	ng	84228	4	11.263	805552	20.0
Dichloroacetic ...	13.757	7.8	ng	376033	5	13.904	962259	20.0
Benzo[e]pyrene	15.216	3.3	ng	124798	6	15.339	750992	20.0