LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122261.D
Acq On : 4 Nov 2020 14:02
Operator : JU/CG
Sample : L4619-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-COMP

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: BF122261.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	550	553	584	rBV	1663300	2418149	94.39%	12.313%
2	6.375	725	729	754	rBV	1771060	2499455	97.56%	12.727%
3	6.710	783	786	796	rVB	544601	526708	20.56%	2.682%
4	7.281	880	883	906	rBV	1309822	1589814	62.06%	8.095%
5	7.992	1001	1004	1023	rBV	641383	723939	28.26%	3.686%
6	8.716	1124	1127	1137	rBV	21954	26796	1.05%	0.136%
7	9.069	1183	1187	1198	rBV	2638280	2561898	100.00%	13.045%
8	9.186	1203	1207	1211	rVB3	18343	28446	1.11%	0.145%
9	9.475	1252	1256	1263	rBV	173447	219416	8.56%	1.117%
10	9.610	1276	1279	1283	rBV	74613	75291	2.94%	0.383%
11	9.745	1298	1302	1318	rBV	735282	742796	28.99%	3.782%
12	10.545	1434	1438	1452	rBV	1203680	1476897	57.65%	7.520%
13	10.639	1452	1454	1462	rVB4	21675	37264	1.45%	0.190%
14	11.233	1552	1555	1558	rBV	627157	602008	23.50%	3.065%
15	11.257	1558	1559	1565	rVV	104916	109468	4.27%	0.557%
16	11.322	1565	1570	1577	rVB	60208	80426	3.14%	0.410%
17	11.510	1596	1602	1607	rVB5	20350	31863	1.24%	0.162%
18	11.739	1638	1641	1643	rBV	36677	34580	1.35%	0.176%
19	11.769	1643	1646	1652	rVB3	50572	70736	2.76%	0.360%
20	11.851	1657	1660	1663	rBV	52167	55750	2.18%	0.284%
21	12.286	1732	1734	1737	rBV	76073	75493	2.95%	0.384%
22	12.451	1759	1762	1766	rBV	181975	192819	7.53%	0.982%
23	12.551	1776	1779	1786	rBV	31466	40151	1.57%	0.204%
24	12.680	1796	1801	1808	rBV	231091	304238	11.88%	1.549%
25	12.733	1808	1810	1814	rBV	43703	43935	1.71%	0.224%
26	12.816	1820	1824	1832	rVB	2163010	1966296	76.75%	10.012%
27	12.904	1834	1839	1845	rBV3	37355	61678	2.41%	0.314%
28	12.992	1850	1854	1856	rBV3	33793	50563	1.97%	0.257%
29	13.016	1856	1858	1863	rVB2	47666	54304	2.12%	0.277%
30	13.080	1866	1869	1872	rVB	28692	26540	1.04%	0.135%
31	13.121	1872	1876	1879	rBV2	62736	70509	2.75%	0.359%
32	13.210	1888	1891	1894	rBV	55477	46725	1.82%	0.238%
33	13.239	1894	1896	1899	rBV	38636	36148	1.41%	0.184%
34	13.498	1937	1940	1942	rBV3	27092	30276	1.18%	0.154%
35	13.521	1942	1944	1952	rVB4	33607	46934	1.83%	0.239%
36	13.586	1952	1955	1958	rVB	31945	34343	1.34%	0.175%

LSC Area Percent Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-COMP

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	13.621	1958	1961	1962	rBV	33848	33465	1.31%	0.170%
38	13.651	1962	1966	1970	rVB3	35705	62524	2.44%	0.318%
39	13.721	1970	1978	1988	rBV6	131996	393645	15.37%	2.004%
40	13.886	2001	2006	2009	rBV2	589795	767163	29.95%	3.906%
41	13.910	2009	2010	2017	rVB	149150	152969	5.97%	0.779%
42	14.274	2067	2072	2076	rBV	89557	125423	4.90%	0.639%
43	14.310	2076	2078	2082	rVV2	41820	54993	2.15%	0.280%
44	14.404	2092	2094	2095	rBV	47019	37092	1.45%	0.189%
45	14.921	2178	2182	2184	rBV	164423	214256	8.36%	1.091%
46	15.210	2228	2231	2236	rBV	99574	113805	4.44%	0.579%
47	15.274	2239	2242	2247	rVB	149063	199067	7.77%	1.014%
48	15.327	2247	2251	2256	rBV	375232	492535	19.23%	2.508%

Sum of corrected areas: 19639589

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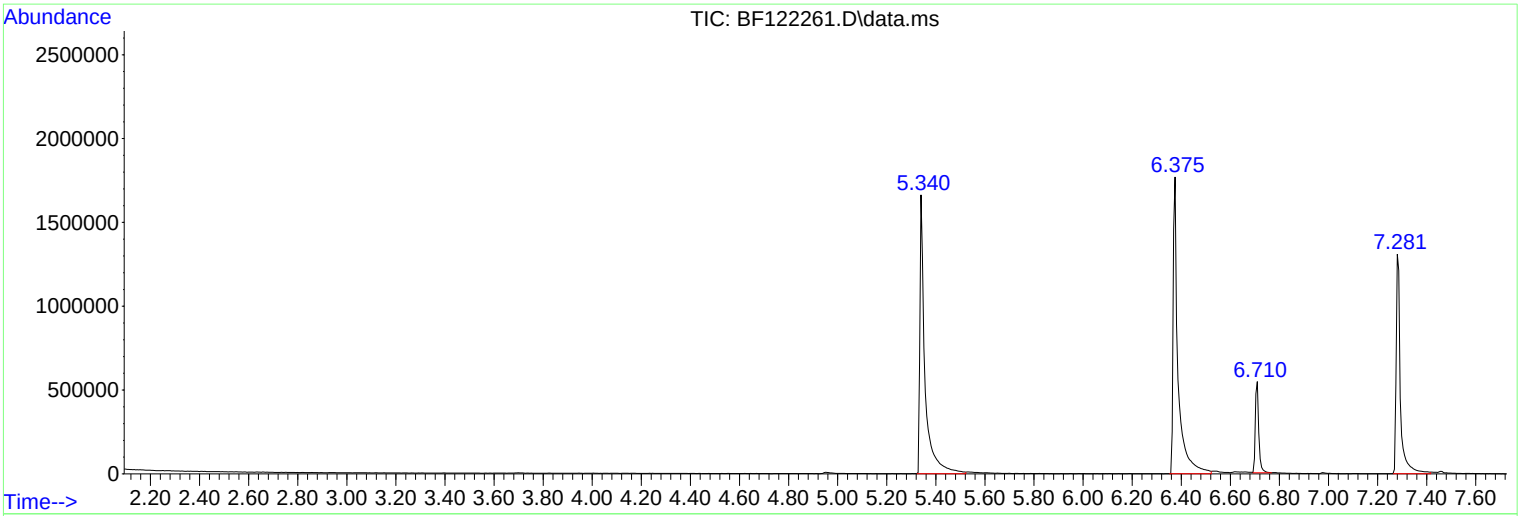
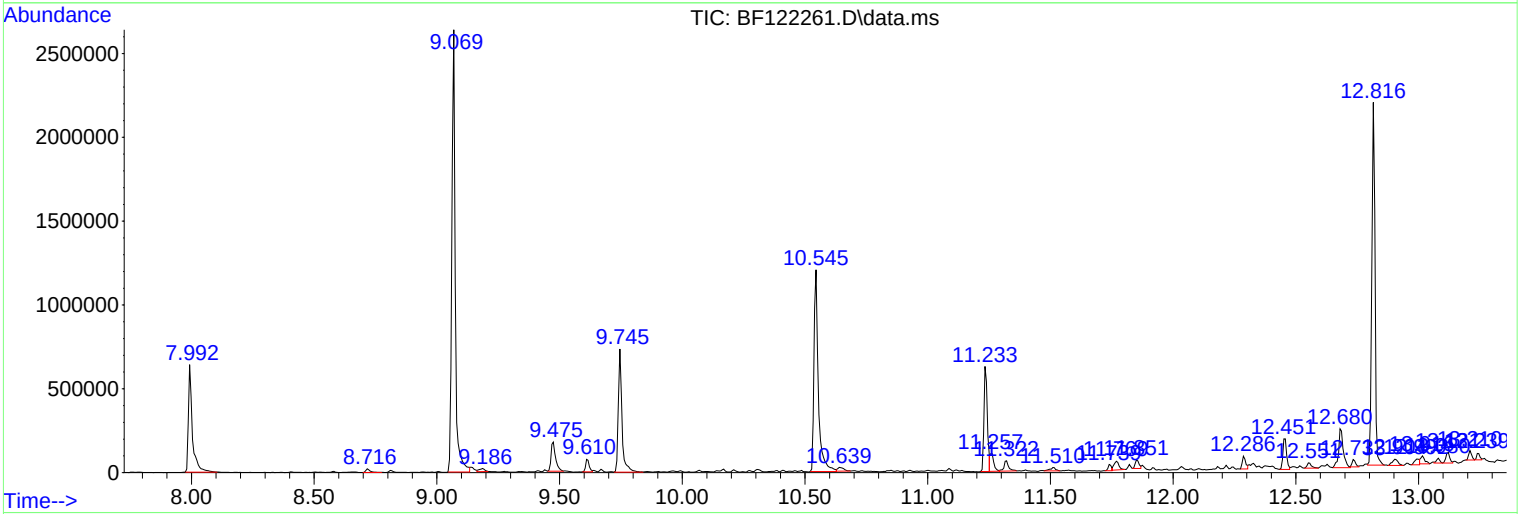
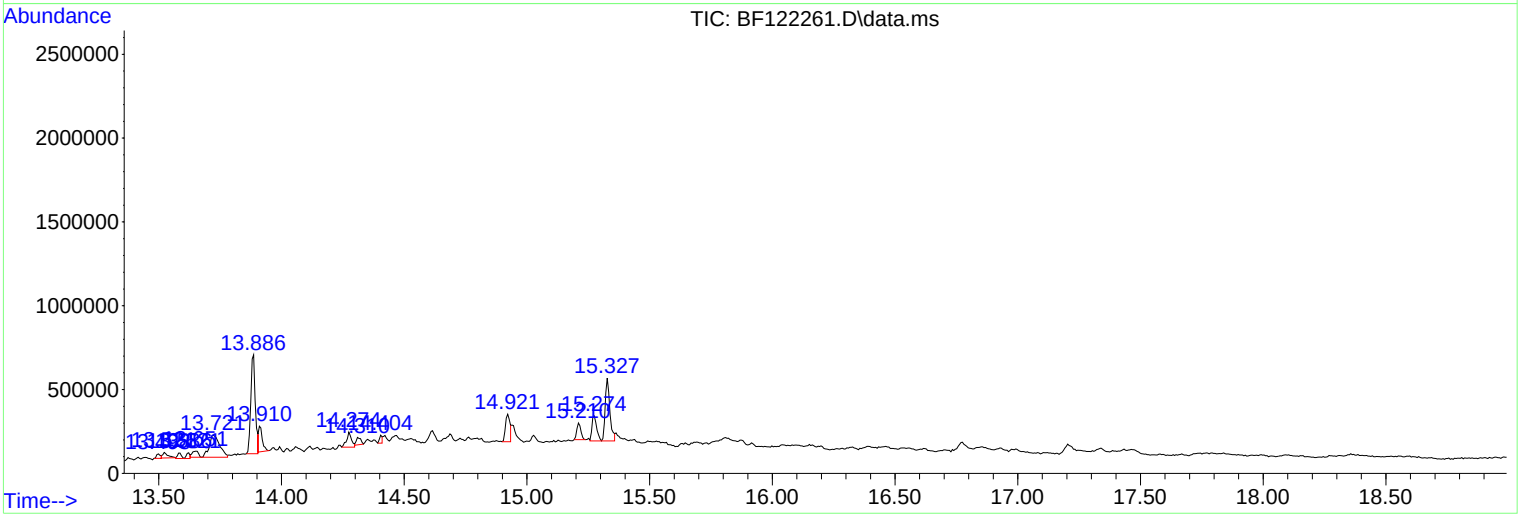
Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

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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Acq On : 4 Nov 2020 14:02
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Sample : L4619-01
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Instrument : BNA_F
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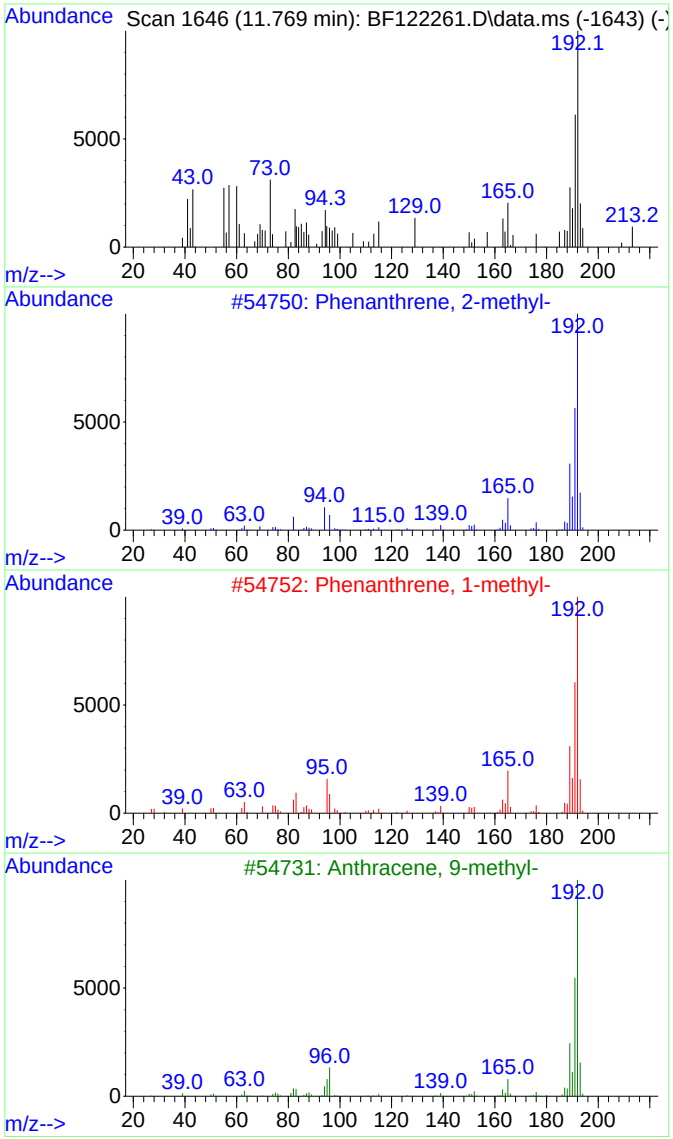
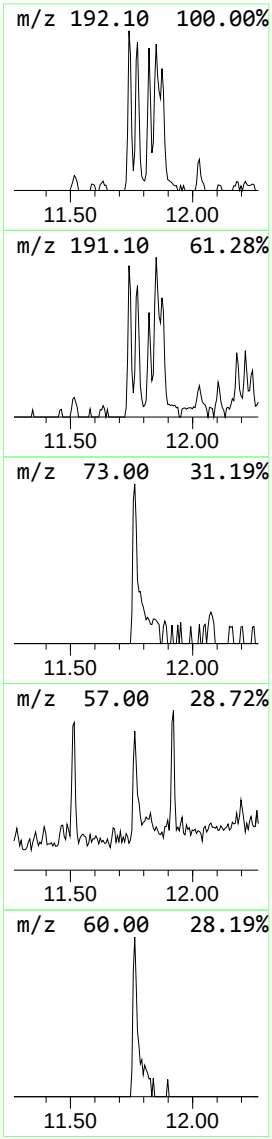
****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	2.35 ng	70736	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





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Sample : L4619-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-COMP

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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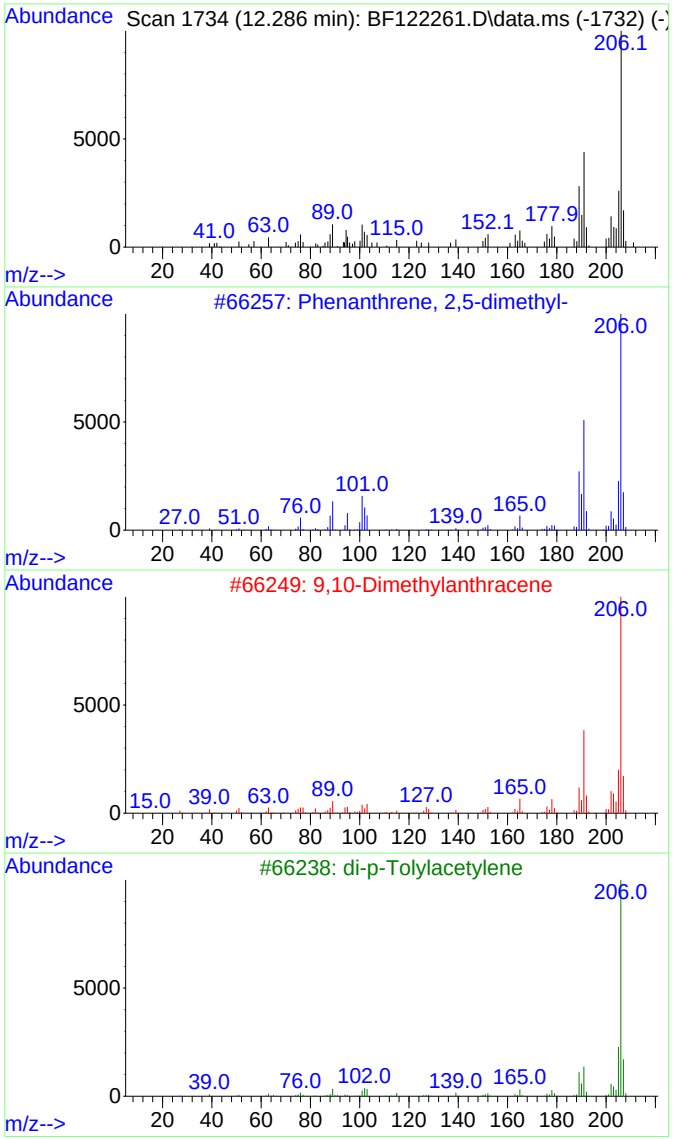
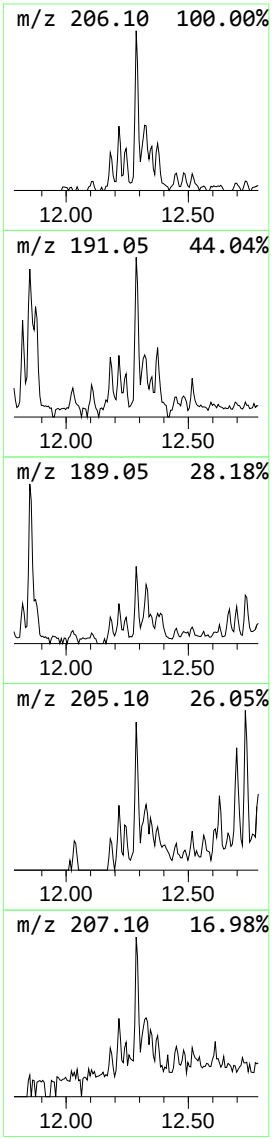
Peak Number 2 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	2.51 ng	75493	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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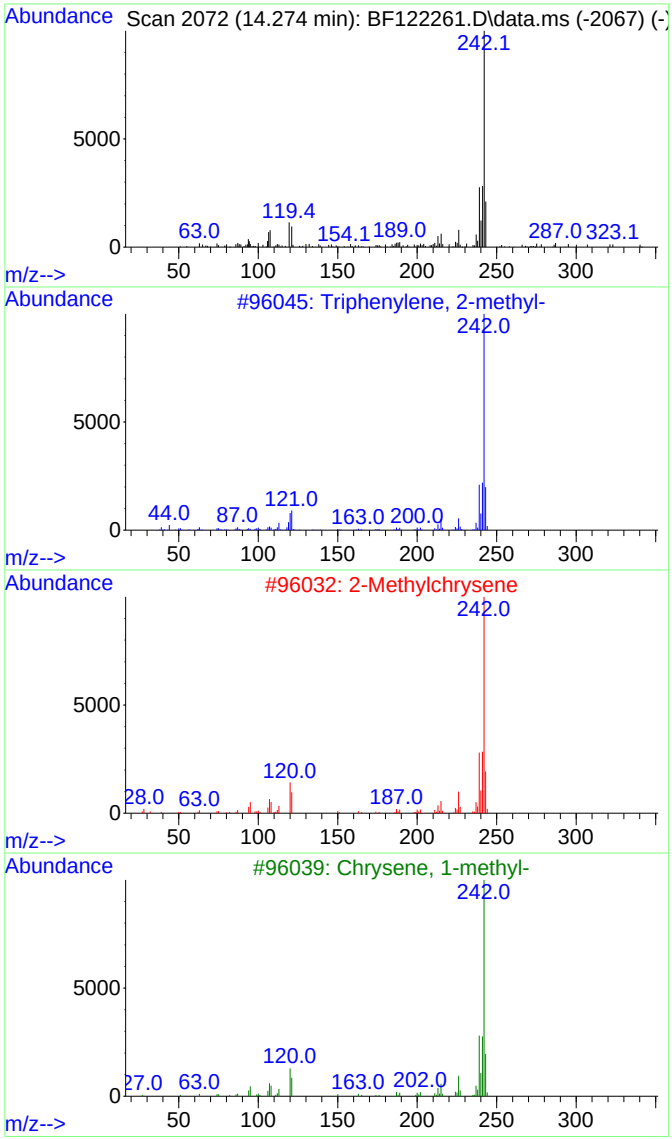
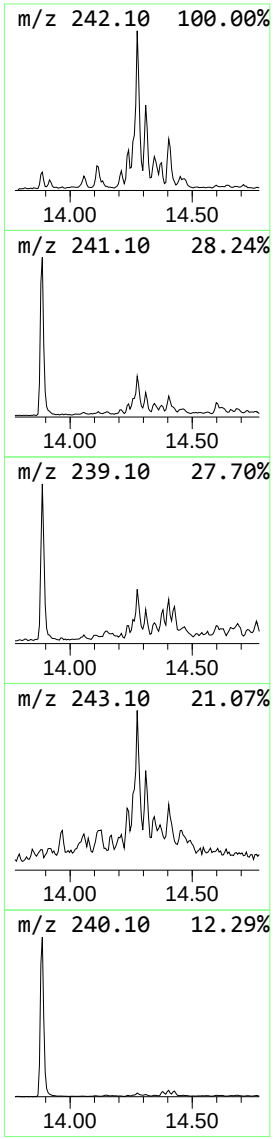
Peak Number 4 Triphenylene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.274	3.27 ng	125423	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
2	2-Methylchrysene	242	C19H14	003351-32-4	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	92
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-COMP

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

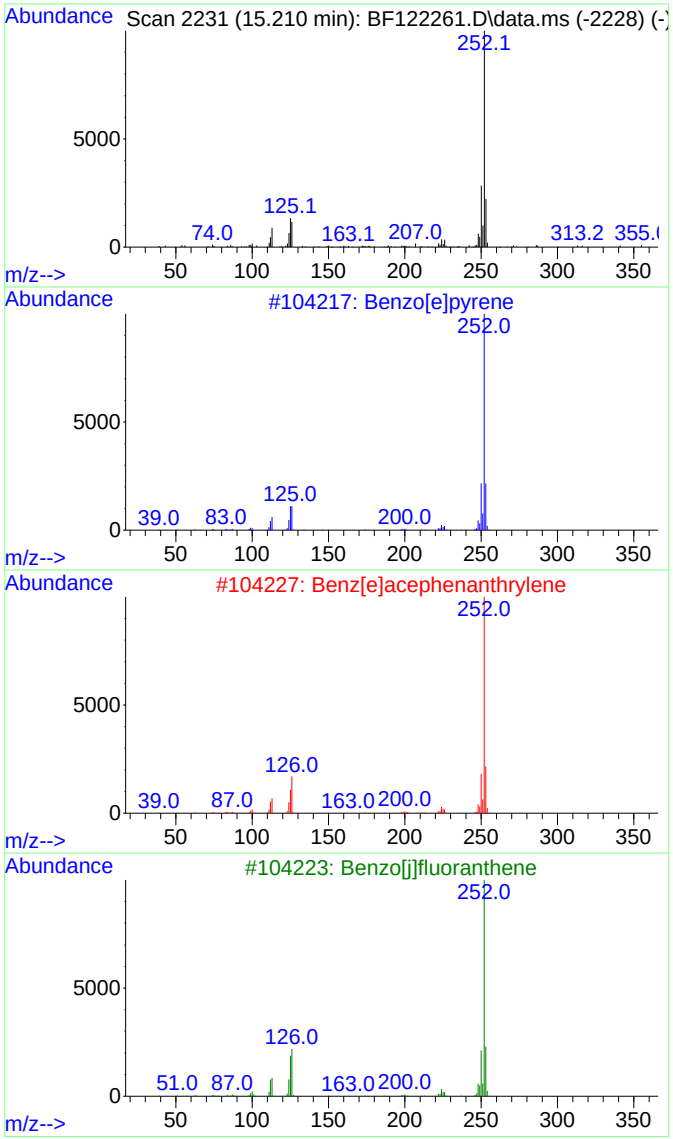
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

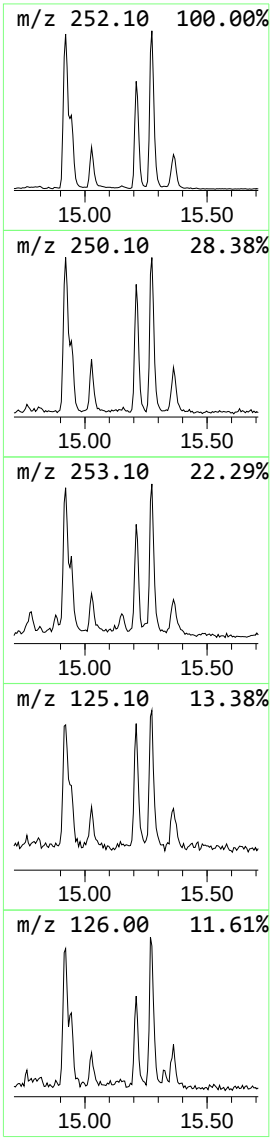
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	4.62 ng	113805	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2...	11.769	2.4	ng	70736	4	11.233	602008	20.0
Phenanthrene, 2...	12.286	2.5	ng	75493	4	11.233	602008	20.0
Triphenylene, 2...	14.274	3.3	ng	125423	5	13.886	767163	20.0
Benzo[e]pyrene	15.210	4.6	ng	113805	6	15.327	492535	20.0