LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128748.D
Acq On : 09 Jun 2022 14:44
Operator : CG\JU
Sample : N3233-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CR-2

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128748.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	462	466	472	rVB	26815	30654	1.83%	0.225%
2	5.457	536	539	551	rBV	1469966	1423347	85.01%	10.444%
3	6.469	708	711	720	rBV	1606780	1473412	88.00%	10.811%
4	6.810	765	769	773	rBV	604562	470952	28.13%	3.456%
5	7.375	860	865	868	rBV	1116326	1000391	59.75%	7.341%
6	8.092	983	987	990	rBV	680014	617106	36.86%	4.528%
7	9.175	1165	1171	1174	rBV	2041662	1674360	100.00%	12.286%
8	9.710	1259	1262	1266	rBV	33765	31935	1.91%	0.234%
9	9.851	1279	1286	1289	rBV	879145	698918	41.74%	5.128%
10	10.398	1376	1379	1385	rVB2	19946	21669	1.29%	0.159%
11	10.645	1417	1421	1424	rBV	1114073	972247	58.07%	7.134%
12	10.763	1436	1441	1444	rBV3	16938	21510	1.28%	0.158%
13	10.945	1467	1472	1475	rBV3	16066	21535	1.29%	0.158%
14	11.233	1518	1521	1526	rVB	20338	21078	1.26%	0.155%
15	11.339	1535	1539	1541	rBV	815046	642911	38.40%	4.717%
16	11.363	1541	1543	1546	rVV	184573	139008	8.30%	1.020%
17	11.416	1546	1552	1554	rVB	27797	34602	2.07%	0.254%
18	11.839	1621	1624	1627	rBV	60958	55352	3.31%	0.406%
19	11.868	1627	1629	1634	rVB2	97468	83022	4.96%	0.609%
20	11.951	1640	1643	1645	rBV2	66990	67804	4.05%	0.498%
21	11.974	1645	1647	1650	rVB	45439	37925	2.27%	0.278%
22	12.139	1672	1675	1677	rBV2	26899	25653	1.53%	0.188%
23	12.163	1677	1679	1682	rVB2	22162	21696	1.30%	0.159%
24	12.316	1703	1705	1707	rBV	25984	19912	1.19%	0.146%
25	12.392	1714	1718	1721	rBV	60590	63766	3.81%	0.468%
26	12.427	1721	1724	1726	rVV2	35952	37918	2.26%	0.278%
27	12.474	1729	1732	1737	rBV3	22029	28677	1.71%	0.210%
28	12.551	1742	1745	1749	rVB	198242	171893	10.27%	1.261%
29	12.657	1759	1763	1766	rBV3	15475	26191	1.56%	0.192%
30	12.780	1779	1784	1791	rBV	211369	224124	13.39%	1.645%
31	12.839	1791	1794	1798	rVB3	24631	27351	1.63%	0.201%
32	12.927	1805	1809	1812	rBV	1491898	1202684	71.83%	8.825%
33	12.998	1817	1821	1826	rBV4	29449	44862	2.68%	0.329%
34	13.086	1833	1836	1838	rBV3	22802	28285	1.69%	0.208%
35	13.110	1838	1840	1843	rVB2	49350	44899	2.68%	0.329%
36	13.157	1843	1848	1850	rBV6	13956	22683	1.35%	0.166%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.215	1854	1858	1860	rBV2	43143	39977	2.39%	0.293%
38	13.304	1871	1873	1876	rVV2	30027	26903	1.61%	0.197%
39	13.339	1876	1879	1882	rVB	33579	26579	1.59%	0.195%
40	13.504	1901	1907	1908	rBV5	13239	23478	1.40%	0.172%
41	13.615	1924	1926	1931	rVB2	22615	29897	1.79%	0.219%
42	13.727	1941	1945	1949	rBV4	26812	48920	2.92%	0.359%
43	13.827	1960	1962	1966	rVB2	26257	21794	1.30%	0.160%
44	13.868	1966	1969	1973	rBV5	29774	53768	3.21%	0.395%
45	13.980	1983	1988	1991	rBV2	521932	554170	33.10%	4.066%
46	14.010	1991	1993	1998	rVB	94306	82837	4.95%	0.608%
47	14.080	2000	2005	2011	rBV	238564	274571	16.40%	2.015%
48	14.368	2052	2054	2057	rVB	39511	33881	2.02%	0.249%
49	14.404	2057	2060	2064	rBV	27955	23259	1.39%	0.171%
50	14.462	2064	2070	2072	rBV6	22523	42894	2.56%	0.315%
51	15.021	2161	2165	2172	rBV	80908	154602	9.23%	1.134%
52	15.321	2212	2216	2222	rVB	59495	77183	4.61%	0.566%
53	15.380	2222	2226	2231	rBV	81291	105297	6.29%	0.773%
54	15.445	2233	2237	2241	rBV	340936	414164	24.74%	3.039%
55	16.892	2479	2483	2490	rVB3	33659	63816	3.81%	0.468%

Sum of corrected areas: 13628322

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Instrument :
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ClientSampleId :
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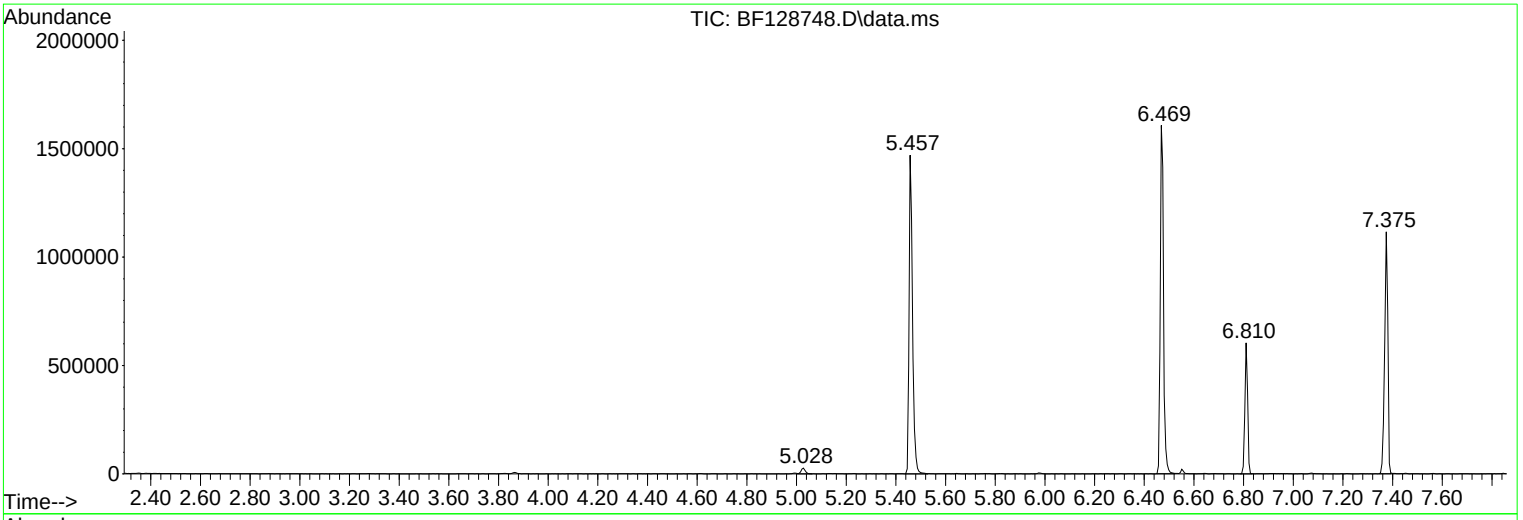
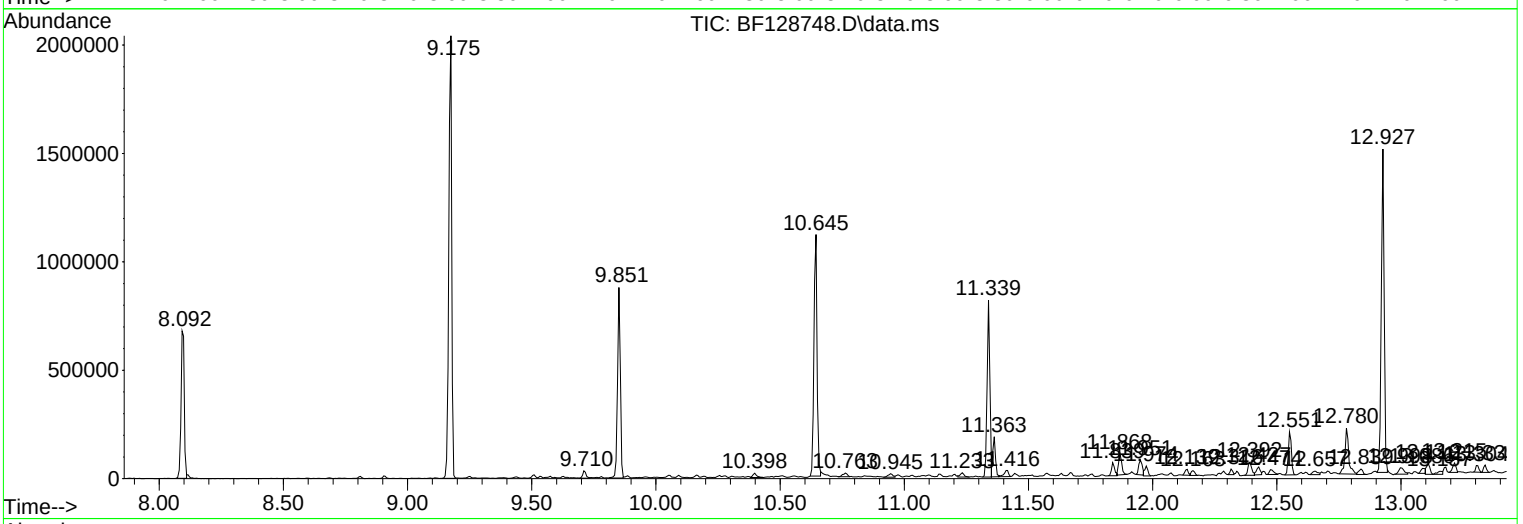
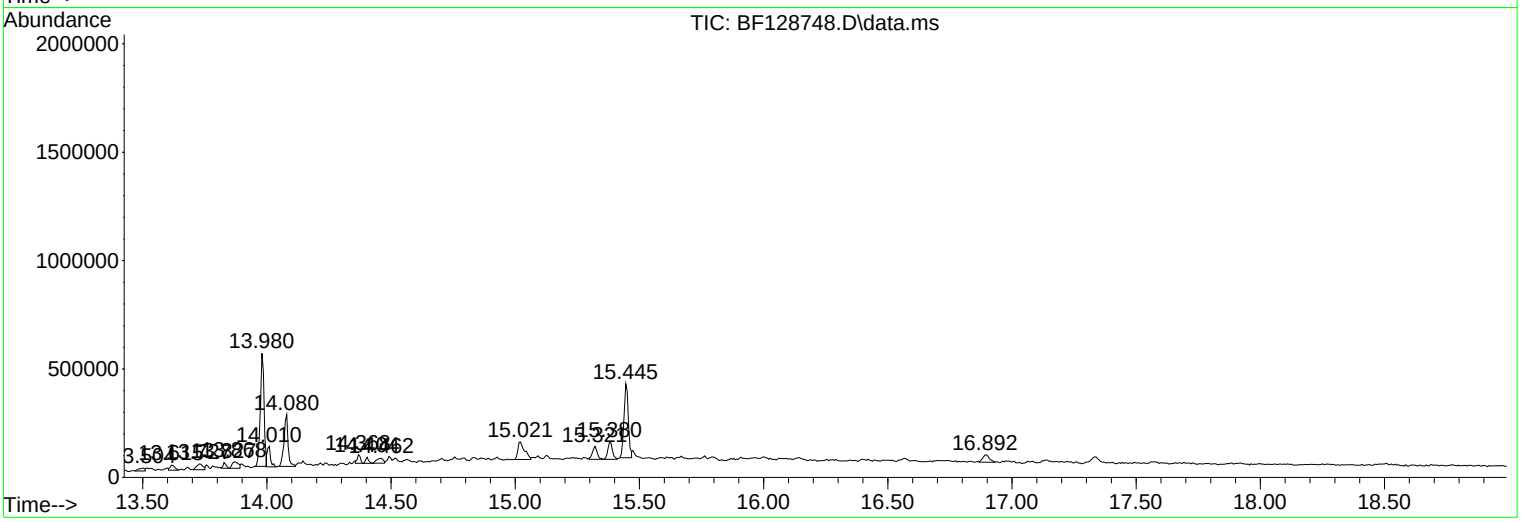
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Operator : CG\JU
Sample : N3233-02
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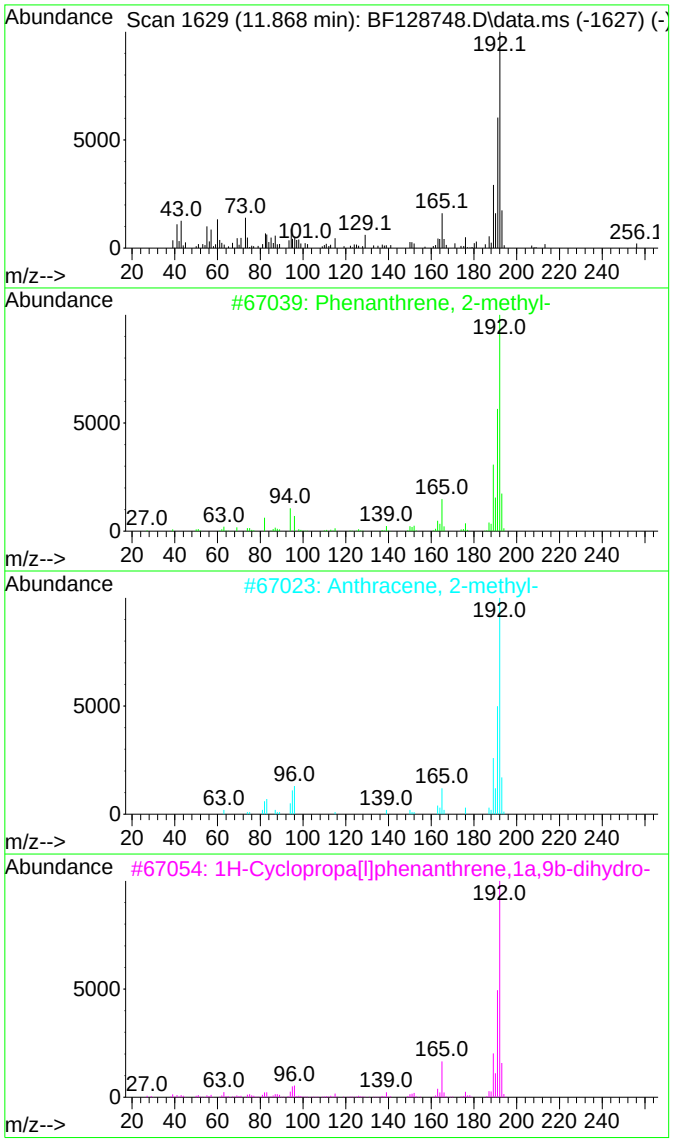
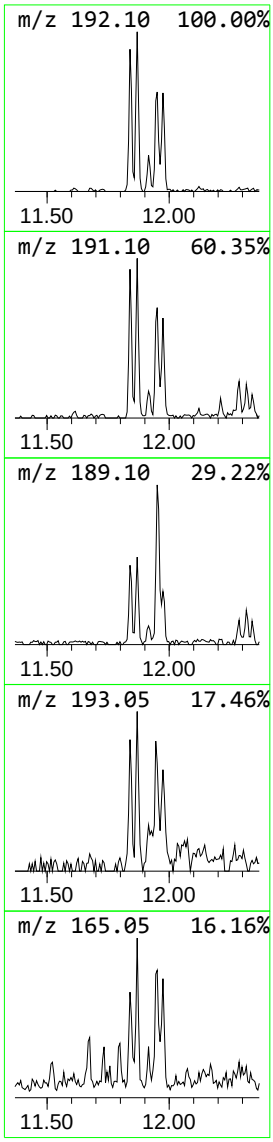
****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	2.58 ng	83022	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Instrument :
BNA_F
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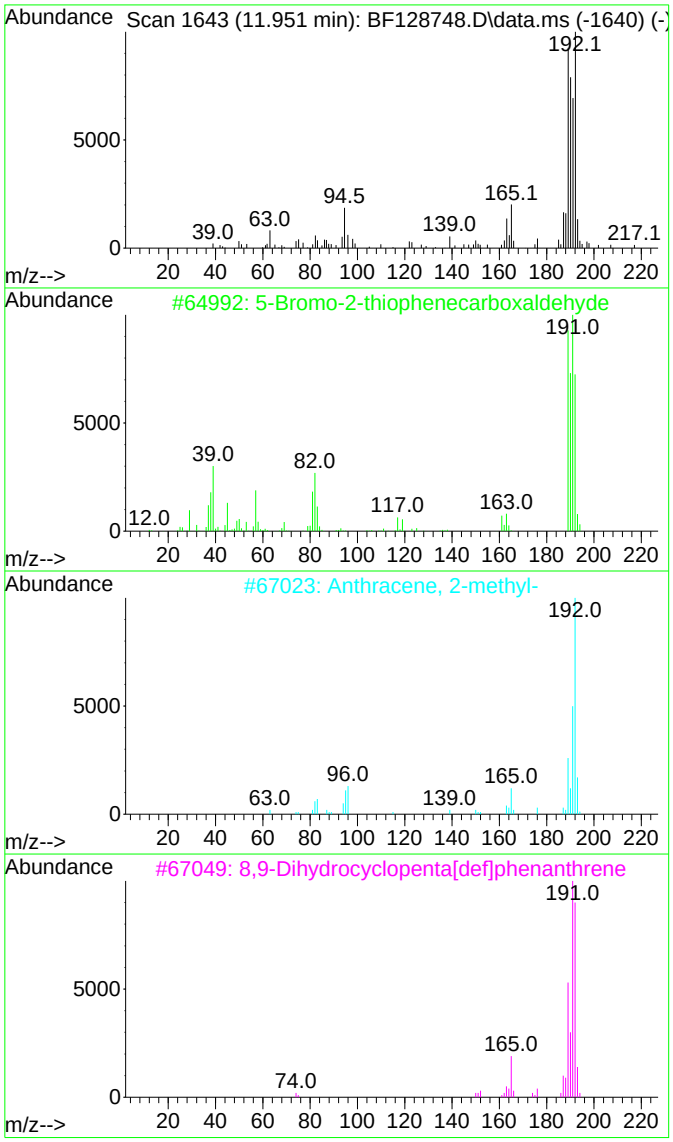
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

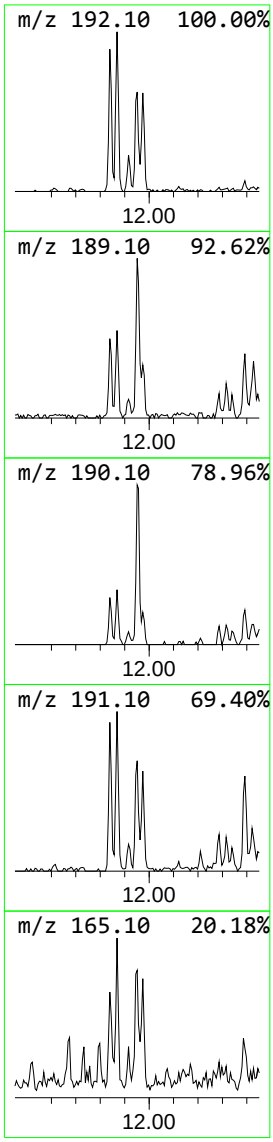
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 5-Bromo-2-thiophenecarboxal... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.11 ng	67804	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	64
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	45





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CR-2

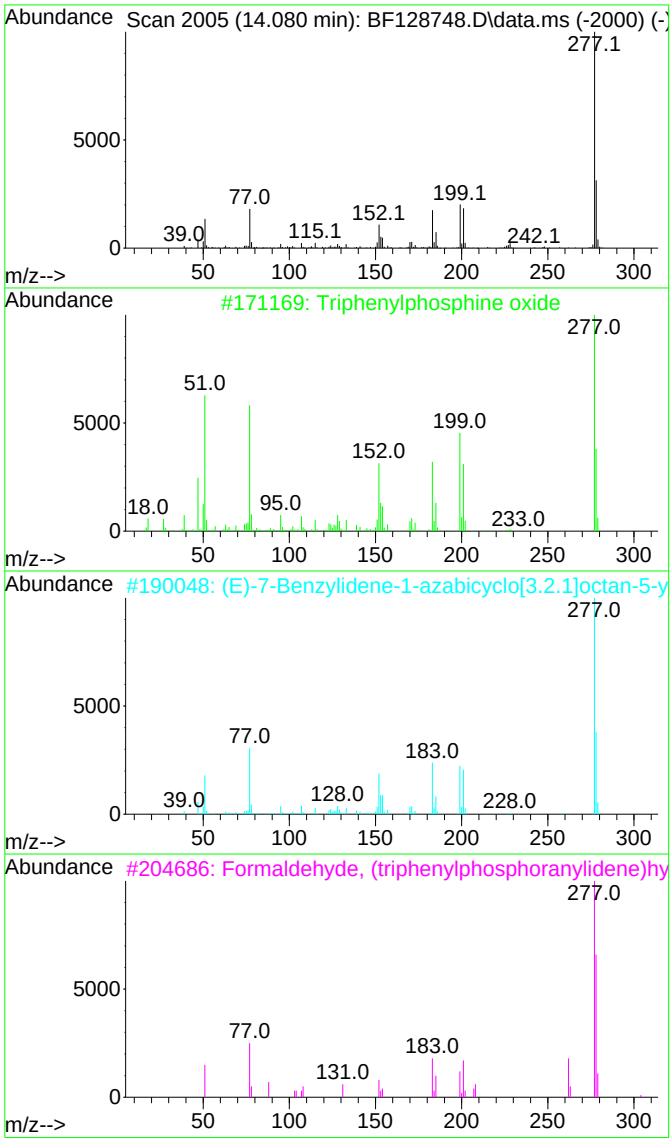
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

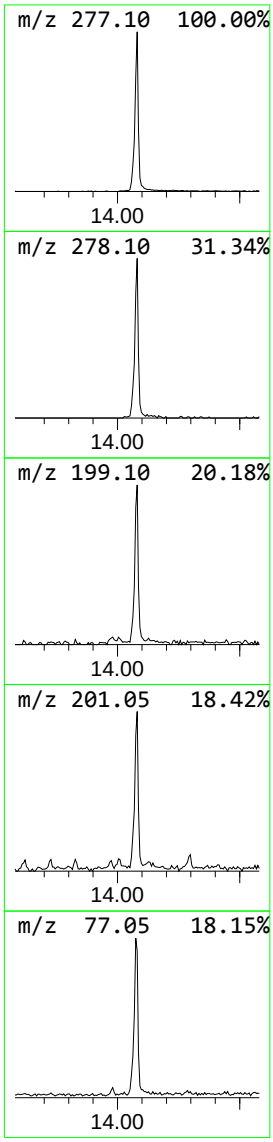
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	9.91 ng	274571	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	58
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	53
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	50
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	40





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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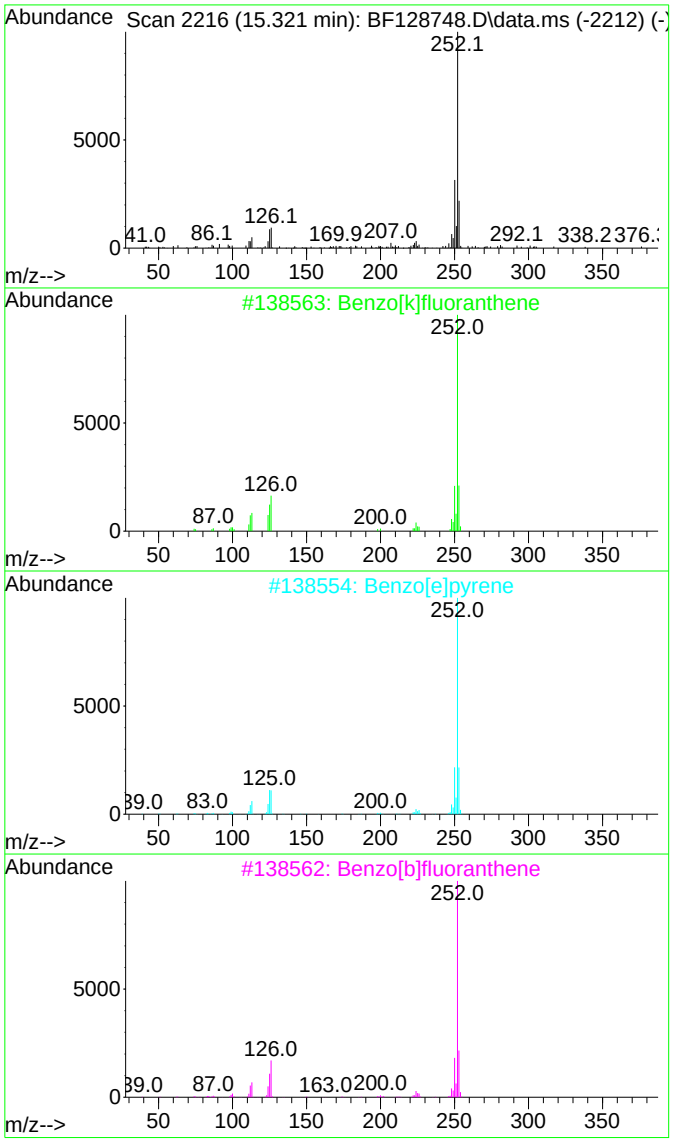
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

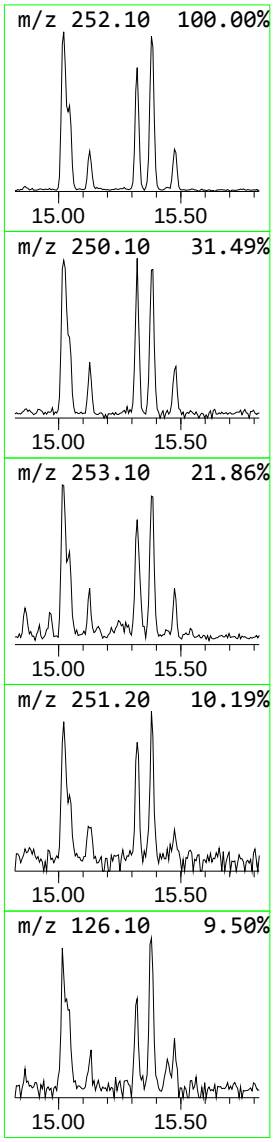
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	3.73 ng	77183	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

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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
Phenanthrene, 2...	11.868	2.6	ng	83022	4	11.339	642911	20.0
5-Bromo-2-thiop...	11.951	2.1	ng	67804	4	11.339	642911	20.0
Triphenylphosph...	14.080	9.9	ng	274571	5	13.980	554170	20.0
Benzo[e]pyrene	15.321	3.7	ng	77183	6	15.445	414164	20.0