LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127246.D
Acq On : 08 Mar 2022 03:45
Operator : CG\JU
Sample : N1809-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030422

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: BF127246.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.946	278	282	289	rVB	14209	17674	1.48%	0.101%
2	5.087	473	476	484	rVB	12802	15591	1.31%	0.089%
3	5.493	541	545	556	rVB	1130545	966182	80.90%	5.507%
4	6.504	714	717	731	rBV	1193422	987469	82.69%	5.628%
5	6.875	777	780	784	rBV	954752	776010	64.98%	4.423%
6	7.440	872	876	879	rBV	827301	665674	55.74%	3.794%
7	8.163	995	999	1001	rBV	1251743	1017075	85.16%	5.797%
8	8.181	1001	1002	1005	rVB	69914	40929	3.43%	0.233%
9	8.875	1117	1120	1123	rVB	56698	42549	3.56%	0.243%
10	8.975	1133	1137	1140	rBV	60087	50009	4.19%	0.285%
11	9.234	1177	1181	1184	rBV	1577688	1194248	100.00%	6.807%
12	9.304	1191	1193	1196	rVB	30882	26606	2.23%	0.152%
13	9.334	1196	1198	1203	rBV	19706	18882	1.58%	0.108%
14	9.504	1222	1227	1230	rBV2	38598	52785	4.42%	0.301%
15	9.575	1235	1239	1241	rVV	68317	68247	5.71%	0.389%
16	9.598	1241	1243	1245	rVV	36121	36692	3.07%	0.209%
17	9.622	1245	1247	1255	rVB4	27996	37642	3.15%	0.215%
18	9.692	1256	1259	1265	rVB	32492	35523	2.97%	0.202%
19	9.781	1270	1274	1277	rBV2	54334	55069	4.61%	0.314%
20	9.834	1279	1283	1286	rVB3	20691	27398	2.29%	0.156%
21	9.922	1294	1298	1301	rVV	1151183	991708	83.04%	5.652%
22	9.951	1301	1303	1306	rVB	177967	128415	10.75%	0.732%
23	10.022	1311	1315	1319	rVB2	20049	28394	2.38%	0.162%
24	10.075	1319	1324	1326	rBV3	15858	24903	2.09%	0.142%
25	10.122	1328	1332	1335	rVB2	113716	99279	8.31%	0.566%
26	10.157	1335	1338	1342	rVB	38847	33216	2.78%	0.189%
27	10.234	1347	1351	1354	rBV	33742	37914	3.17%	0.216%
28	10.263	1354	1356	1362	rVB	27579	25460	2.13%	0.145%
29	10.339	1362	1369	1372	rBV4	40107	64340	5.39%	0.367%
30	10.469	1387	1391	1397	rVB	202481	179319	15.02%	1.022%
31	10.557	1403	1406	1408	rVB3	36085	34550	2.89%	0.197%
32	10.622	1412	1417	1421	rVB2	41206	47905	4.01%	0.273%
33	10.710	1428	1432	1436	rBV	758069	638308	53.45%	3.638%
34	10.822	1446	1451	1459	rVB4	50974	92396	7.74%	0.527%
35	11.016	1477	1484	1486	rBV2	51844	65500	5.48%	0.373%
36	11.045	1486	1489	1491	rVB3	25457	25125	2.10%	0.143%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
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Acq On : 08 Mar 2022 03:45
Operator : CG\JU
Sample : N1809-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030422

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	11.098	1496	1498	1501	rVB	29529	23245	1.95%	0.132%
38	11.139	1501	1505	1507	rBV4	22272	31491	2.64%	0.179%
39	11.169	1507	1510	1513	rVB5	16211	20665	1.73%	0.118%
40	11.257	1522	1525	1528	rBV3	39335	42261	3.54%	0.241%
41	11.286	1528	1530	1532	rVV2	41434	46680	3.91%	0.266%
42	11.304	1532	1533	1537	rVB	72141	56991	4.77%	0.325%
43	11.410	1547	1551	1553	rBV	954050	843782	70.65%	4.809%
44	11.433	1553	1555	1559	rVV	926390	802729	67.22%	4.575%
45	11.486	1561	1564	1567	rVV	261737	214277	17.94%	1.221%
46	11.522	1567	1570	1573	rVV3	26115	38619	3.23%	0.220%
47	11.569	1575	1578	1582	rVB6	15552	21223	1.78%	0.121%
48	11.645	1587	1591	1596	rBV	65144	80689	6.76%	0.460%
49	11.686	1596	1598	1600	rBV2	25930	18959	1.59%	0.108%
50	11.739	1605	1607	1611	rVB	33654	39655	3.32%	0.226%
51	11.828	1619	1622	1624	rBV	21465	24293	2.03%	0.138%
52	11.910	1633	1636	1639	rBV	108228	102751	8.60%	0.586%
53	11.939	1639	1641	1644	rVB	144501	121618	10.18%	0.693%
54	11.986	1646	1649	1652	rBV	54356	53616	4.49%	0.306%
55	12.028	1652	1656	1658	rVV2	184399	193502	16.20%	1.103%
56	12.045	1658	1659	1665	rVB	77764	61287	5.13%	0.349%
57	12.098	1665	1668	1670	rBV	38043	37893	3.17%	0.216%
58	12.210	1684	1687	1689	rBV	67504	57350	4.80%	0.327%
59	12.239	1689	1692	1697	rVB4	29577	27742	2.32%	0.158%
60	12.339	1707	1709	1710	rBV2	16792	15145	1.27%	0.086%
61	12.357	1710	1712	1714	rVB2	24152	16382	1.37%	0.093%
62	12.386	1715	1717	1719	rVB	30308	23375	1.96%	0.133%
63	12.416	1719	1722	1725	rVB2	26823	27726	2.32%	0.158%
64	12.463	1727	1730	1732	rBV	72679	73680	6.17%	0.420%
65	12.486	1732	1734	1735	rBV	30255	27113	2.27%	0.155%
66	12.551	1742	1745	1749	rBV5	30910	46605	3.90%	0.266%
67	12.627	1754	1758	1762	rBV	889027	731509	61.25%	4.169%
68	12.669	1763	1765	1767	rVB2	25183	17286	1.45%	0.099%
69	12.692	1767	1769	1772	rBV3	17644	15902	1.33%	0.091%
70	12.780	1781	1784	1786	rBV	32979	23778	1.99%	0.136%
71	12.857	1791	1797	1803	rBV	703426	749567	62.76%	4.272%
72	12.910	1803	1806	1809	rVB2	48853	58185	4.87%	0.332%
73	12.992	1817	1820	1824	rVB	755488	693722	58.09%	3.954%
74	13.069	1830	1833	1838	rBV3	43714	77507	6.49%	0.442%
75	13.186	1850	1853	1856	rVB	126026	115696	9.69%	0.659%
76	13.216	1856	1858	1861	rBV2	31078	30736	2.57%	0.175%

LSC Area Percent Report

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Acq On : 08 Mar 2022 03:45
Operator : CG\JU
Sample : N1809-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030422

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

77	13.251	1861	1864	1867	rVB	117011	90106	7.54%	0.514%
78	13.286	1867	1870	1873	rBV2	64742	72204	6.05%	0.412%
79	13.380	1884	1886	1889	rVB	39761	33195	2.78%	0.189%
80	13.416	1889	1892	1895	rBV	47492	53447	4.48%	0.305%
81	13.557	1914	1916	1919	rBV2	42465	42971	3.60%	0.245%
82	13.810	1956	1959	1961	rVB	44588	43363	3.63%	0.247%
83	13.833	1961	1963	1965	rBV	47048	45993	3.85%	0.262%
84	13.922	1976	1978	1983	rVB	77642	69148	5.79%	0.394%
85	14.057	1996	2001	2004	rBV2	765625	909494	76.16%	5.184%
86	14.086	2004	2006	2012	rVB	285345	244700	20.49%	1.395%
87	14.163	2017	2019	2022	rVB	53427	41806	3.50%	0.238%
88	14.204	2024	2026	2028	rBV	51362	43148	3.61%	0.246%
89	14.445	2065	2067	2070	rVB	69252	53089	4.45%	0.303%
90	14.510	2076	2078	2080	rBV2	44205	39938	3.34%	0.228%
91	15.110	2177	2180	2184	rBV	217151	345271	28.91%	1.968%
92	15.421	2230	2233	2239	rVB	133701	178787	14.97%	1.019%
93	15.486	2241	2244	2250	rVB	221082	272277	22.80%	1.552%
94	15.557	2251	2256	2259	rBV	459129	612163	51.26%	3.489%

Sum of corrected areas: 17545318

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127246.D
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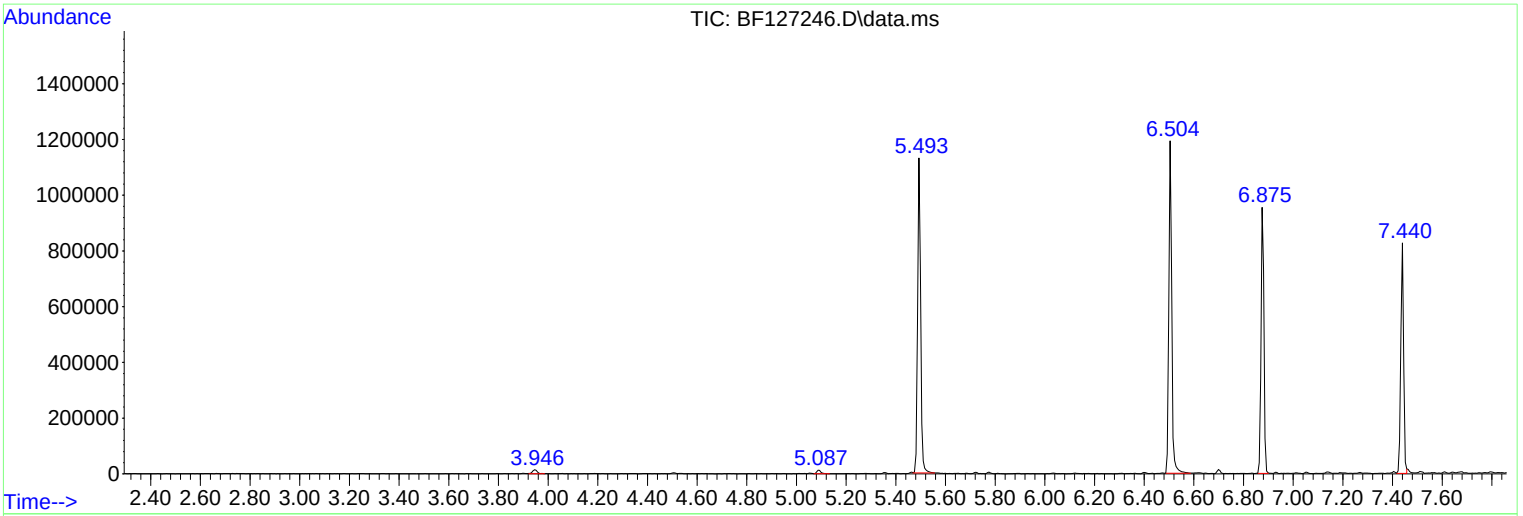
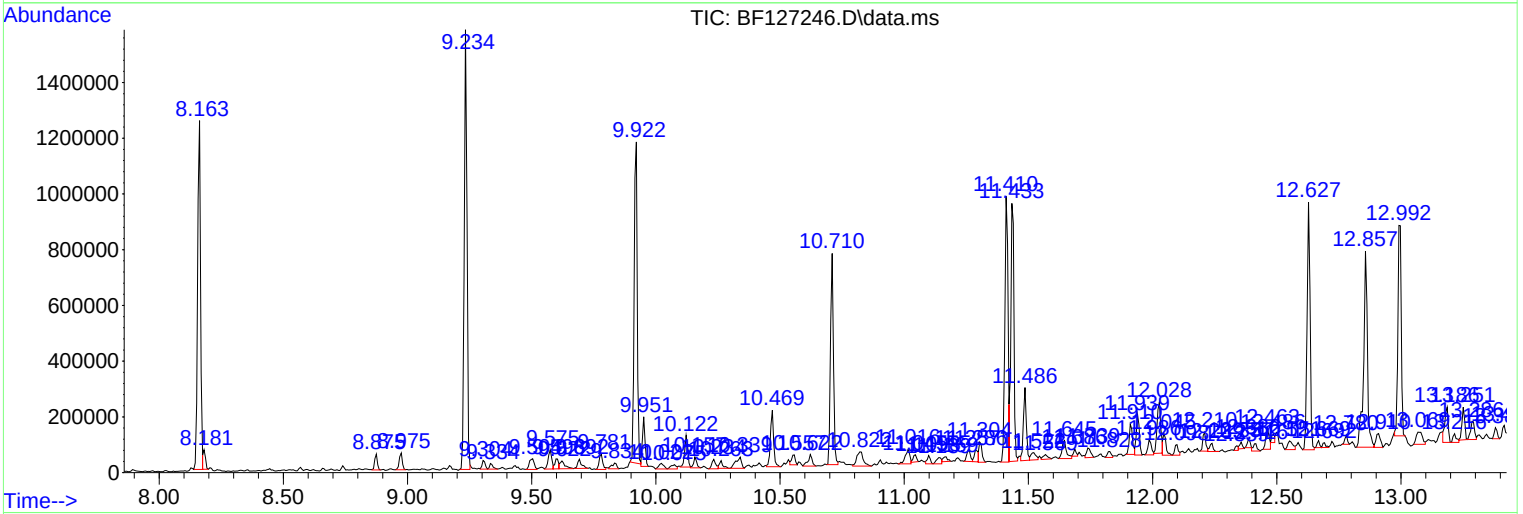
Operator : CG\JU
Sample : N1809-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

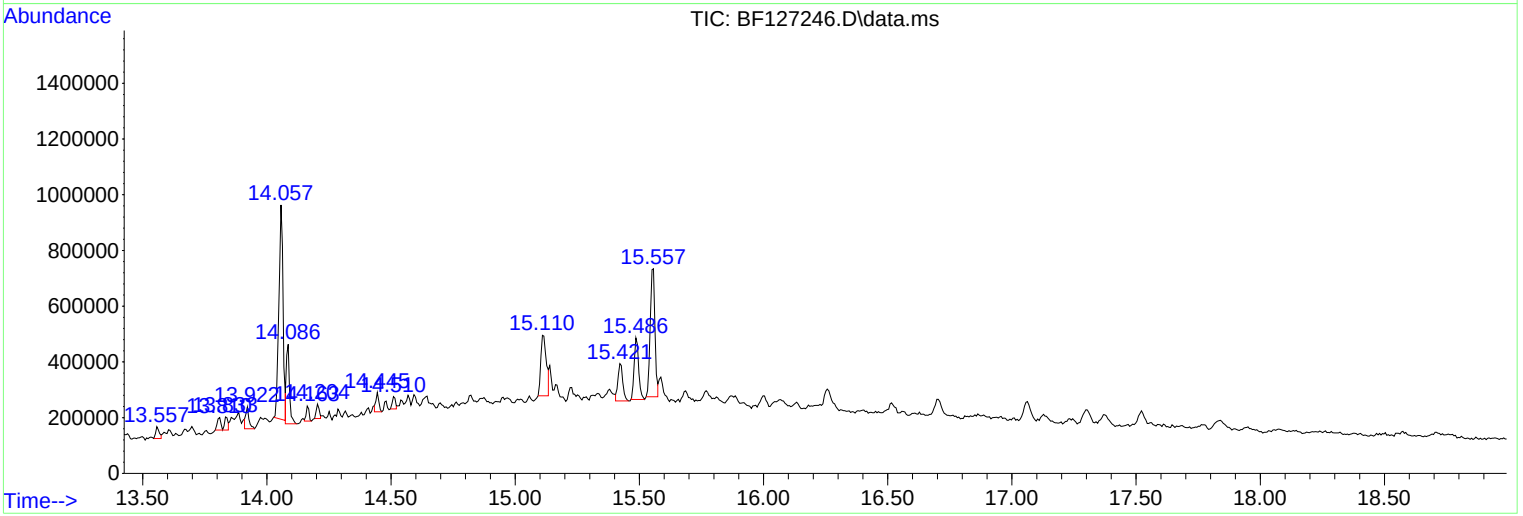
Instrument :
BNA_F
ClientSampleId :
OR-02-030422

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\BF030722\
Data File : BF127246.D
Acq On : 08 Mar 2022 03:45
Operator : CG\JU
Sample : N1809-01 2X
Misc :
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Instrument :
BNA_F
ClientSampleId :
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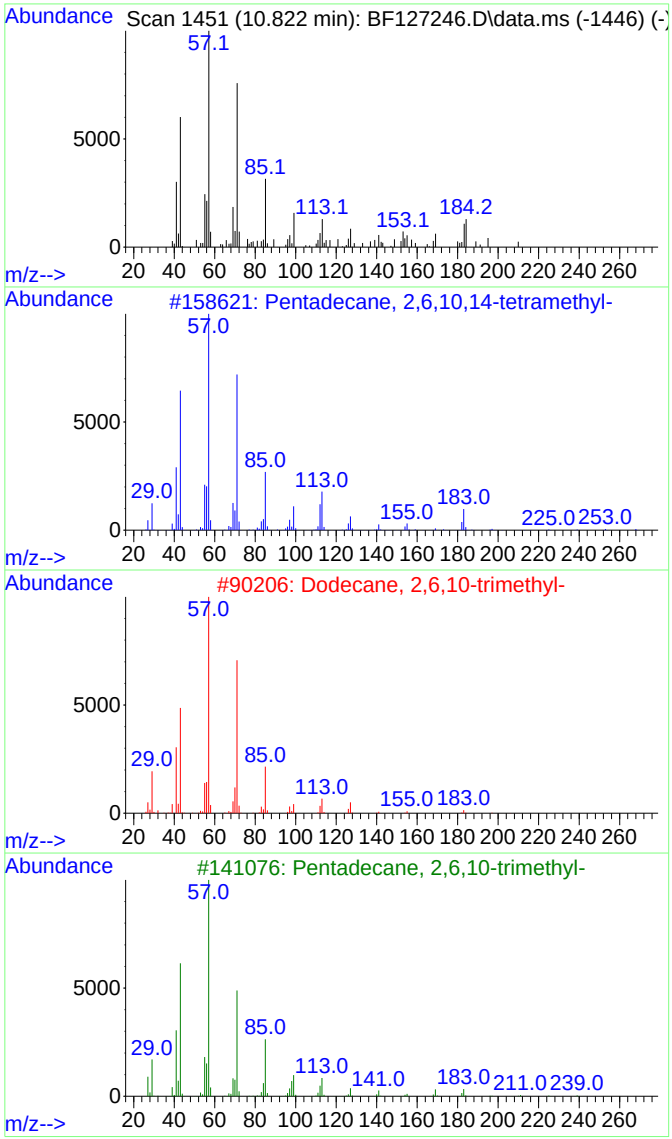
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

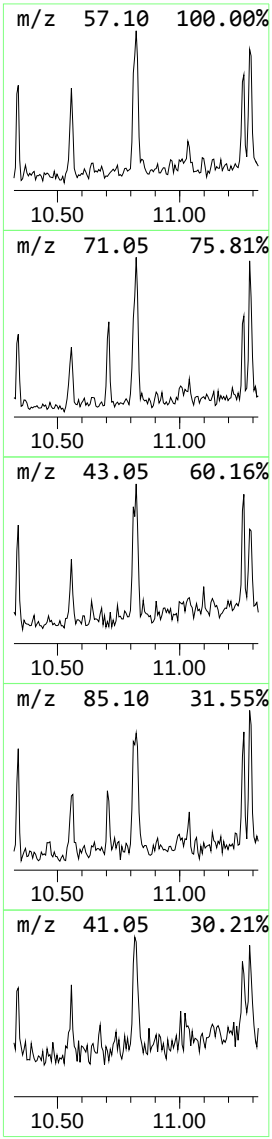
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentadecane, 2,6,10,14-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	2.19 ng	92396	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
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BNA_F
ClientSampleId :
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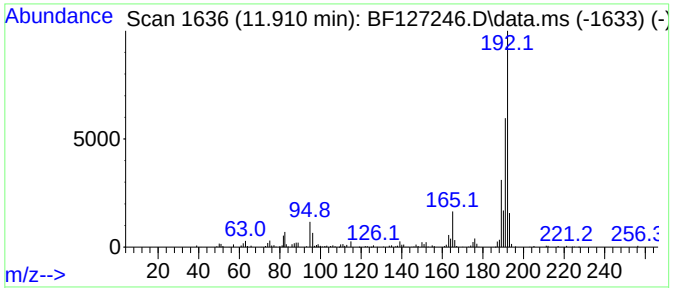
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

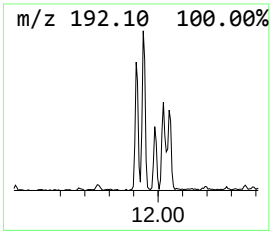
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

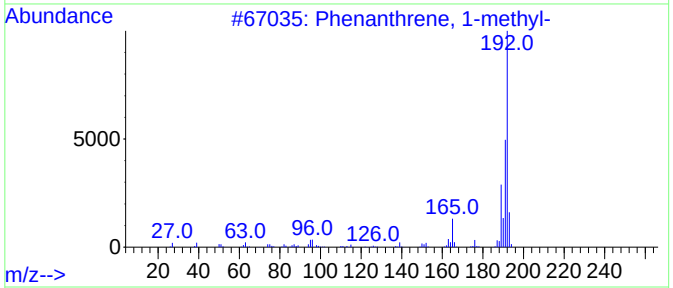
****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

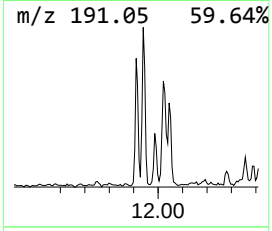
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.44 ng	102751	Phenanthrene-d10	11.410

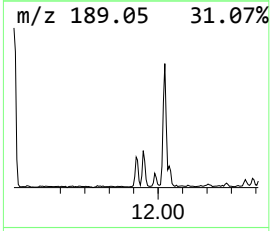
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95

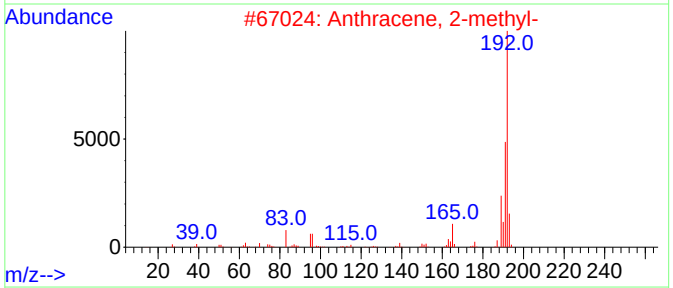


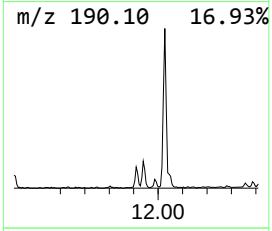


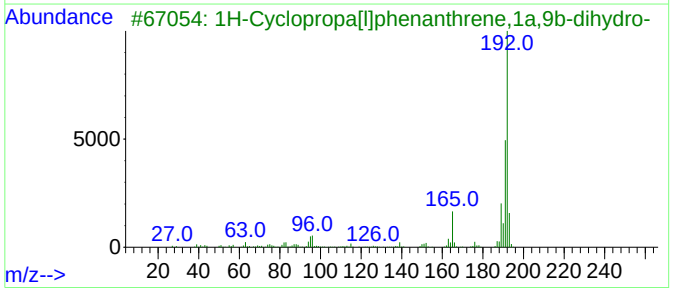


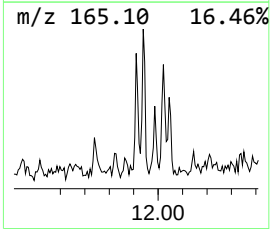












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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
OR-02-030422

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

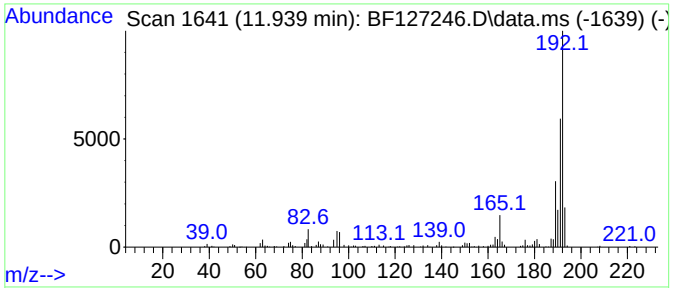
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

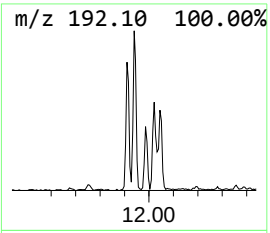
****

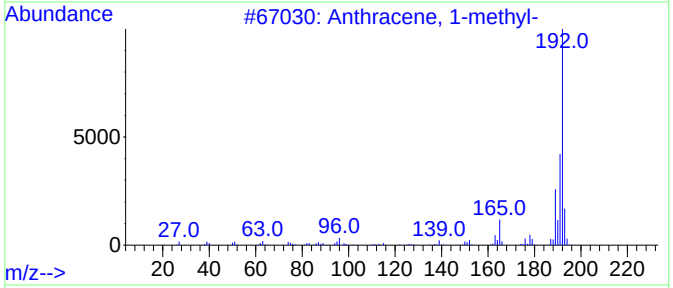
Peak Number 4 Anthracene, 1-methyl- Concentration Rank 3

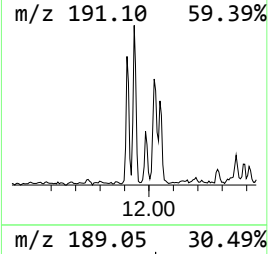
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.88 ng	121618	Phenanthrene-d10	11.410

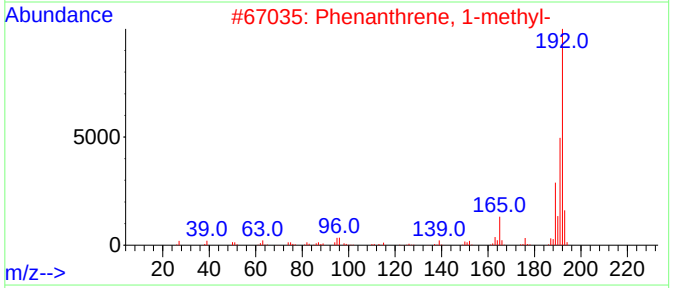
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93

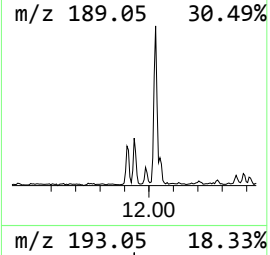


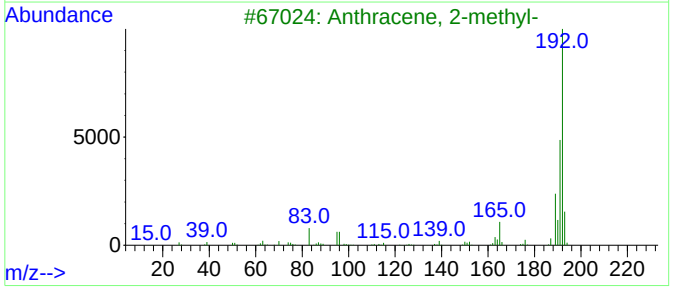


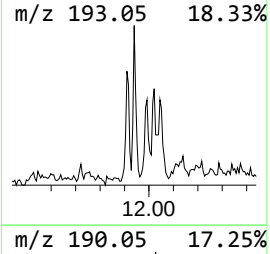


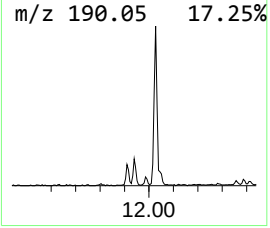












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127246.D
Acq On : 08 Mar 2022 03:45
Operator : CG\JU
Sample : N1809-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030422

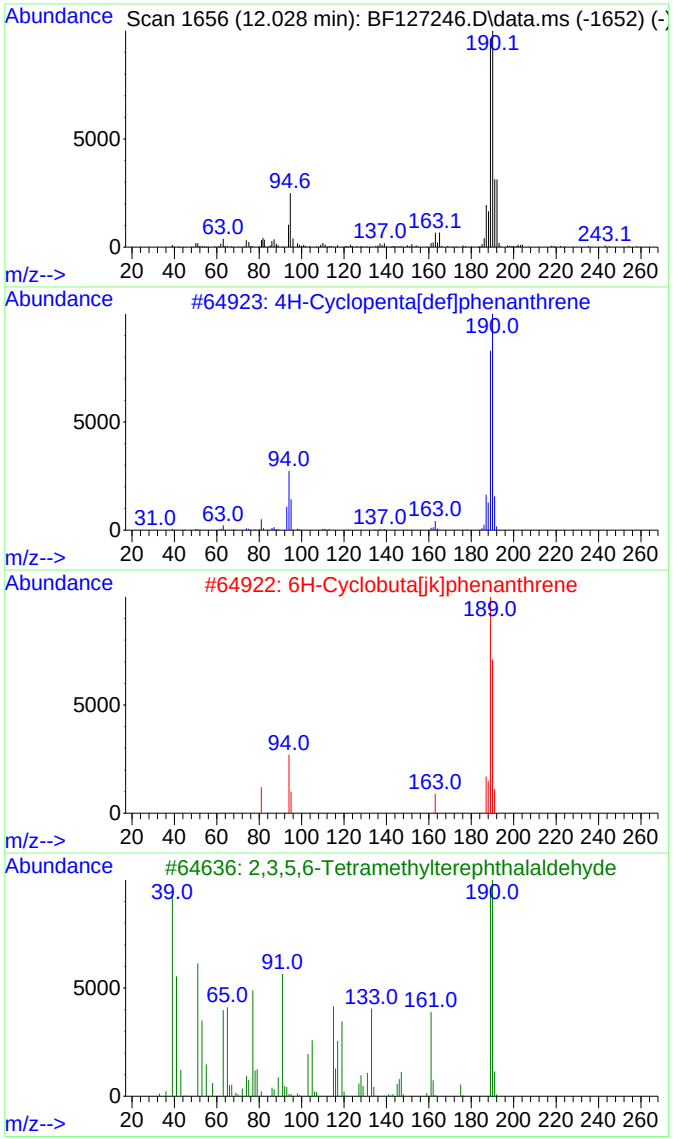
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

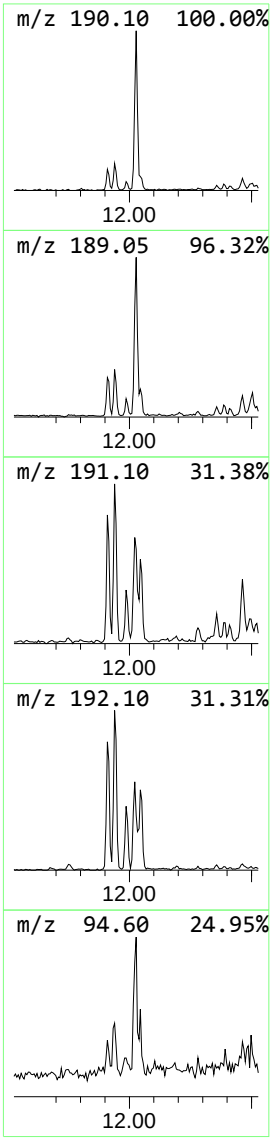
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	4.59 ng	193502	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Data File : BF127246.D
Acq On : 08 Mar 2022 03:45
Operator : CG\JU
Sample : N1809-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030422

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

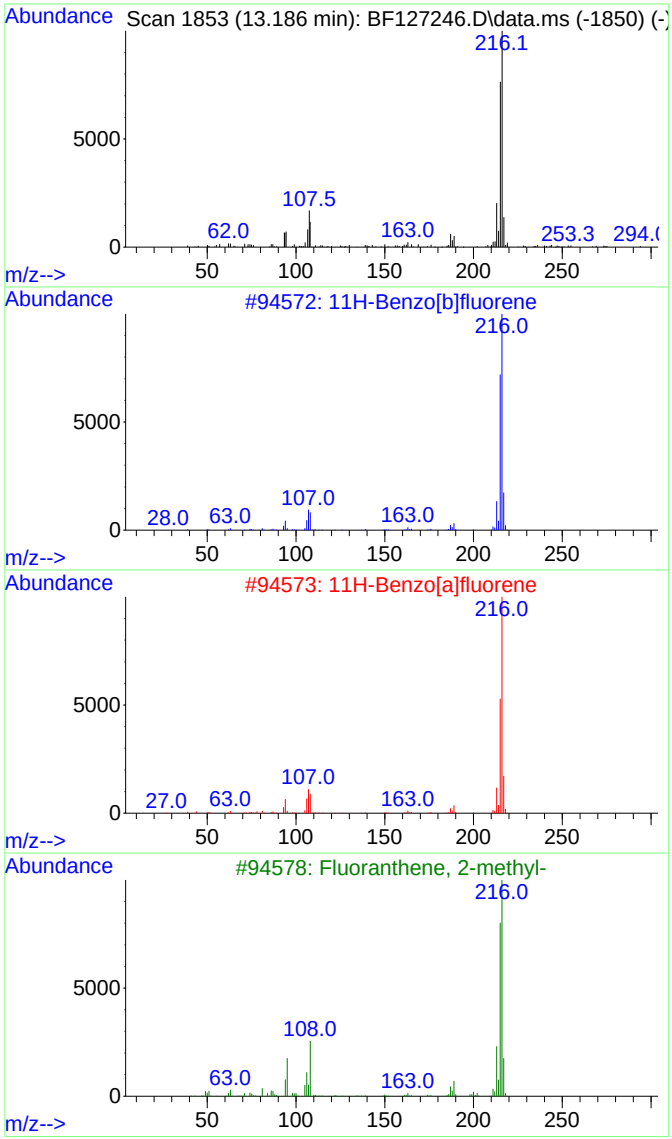
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

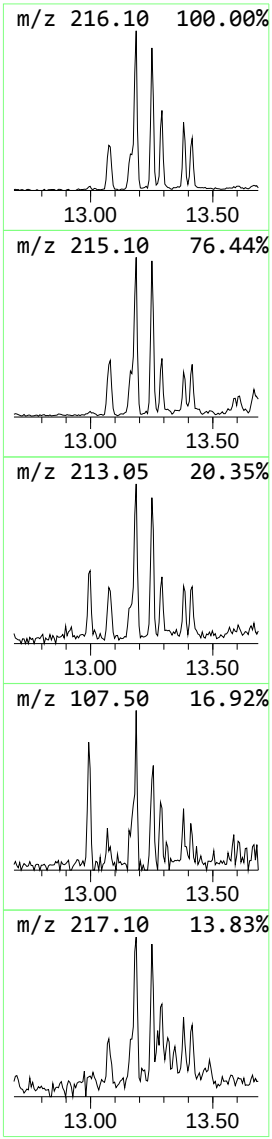
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	2.54 ng	115696	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127246.D
Acq On : 08 Mar 2022 03:45
Operator : CG\JU
Sample : N1809-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030422

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

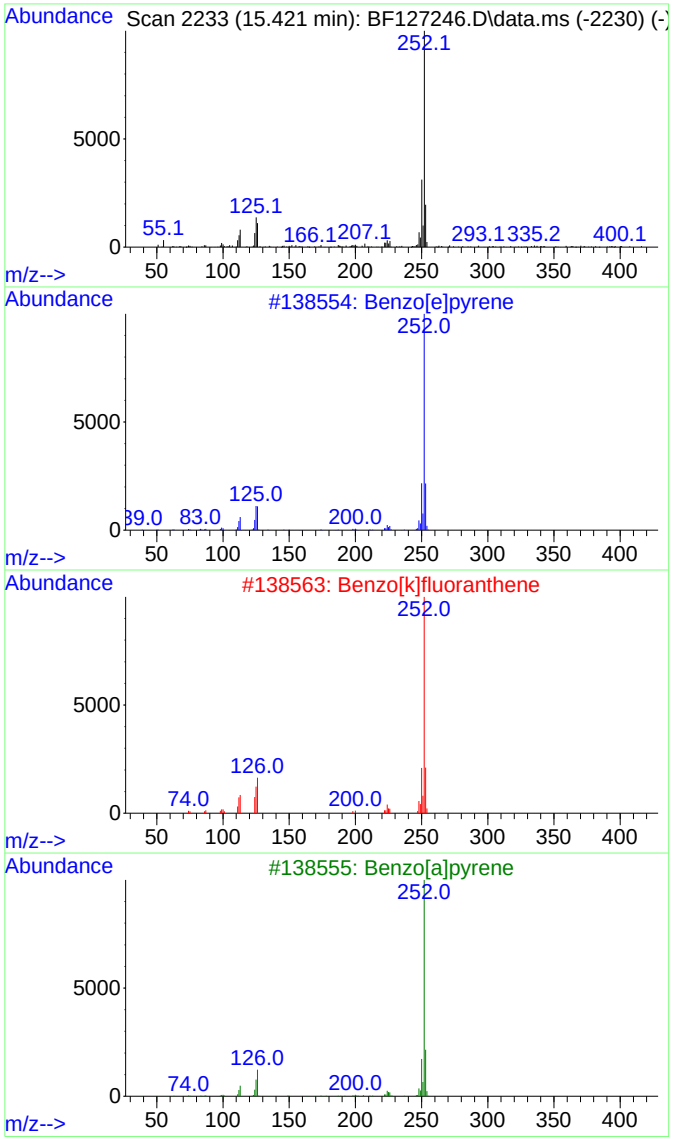
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

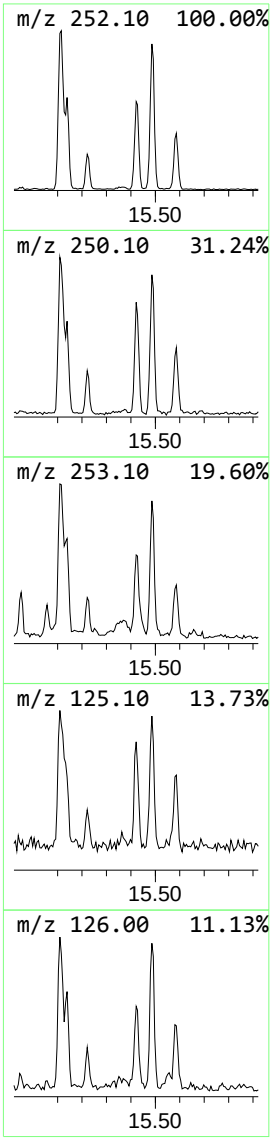
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	5.84 ng	178787	Perylene-d12	15.557

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127246.D
Acq On : 08 Mar 2022 03:45
Operator : CG\JU
Sample : N1809-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030422

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
Pentadecane, 2,...	10.822	2.2	ng	92396	4	11.410	843782	20.0
Phenanthrene, 1...	11.910	2.4	ng	102751	4	11.410	843782	20.0
Anthracene, 1-m...	11.939	2.9	ng	121618	4	11.410	843782	20.0
4H-Cyclopenta[d...	12.028	4.6	ng	193502	4	11.410	843782	20.0
11H-Benzo[b]flu...	13.186	2.5	ng	115696	5	14.057	909494	20.0
Benzo[e]pyrene	15.421	5.8	ng	178787	6	15.557	612163	20.0