LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
Data File : BF127265.D
Acq On : 08 Mar 2022 18:29
Operator : CG\JU
Sample : N1830-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 350

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: BF127265.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.499	542	546	561	rBV	1411183	1256083	85.09%	8.384%
2	6.510	714	718	730	rBV	1470999	1284466	87.02%	8.574%
3	6.875	777	780	784	rBV	840538	710559	48.14%	4.743%
4	7.440	872	876	879	rBV	1040835	850115	57.59%	5.674%
5	8.128	990	993	995	rBV	21876	18493	1.25%	0.123%
6	8.163	995	999	1001	rVV	1004565	908613	61.55%	6.065%
7	8.181	1001	1002	1005	rVB	56543	34526	2.34%	0.230%
8	8.740	1094	1097	1101	rVB	29841	23671	1.60%	0.158%
9	8.875	1117	1120	1123	rBV	33253	27486	1.86%	0.183%
10	8.975	1134	1137	1140	rBV	27743	21191	1.44%	0.141%
11	9.234	1176	1181	1184	rBV	1855468	1476130	100.00%	9.853%
12	9.304	1190	1193	1196	rVB	51777	41048	2.78%	0.274%
13	9.498	1223	1226	1232	rBV2	45168	51912	3.52%	0.347%
14	9.575	1236	1239	1242	rVV2	28906	31785	2.15%	0.212%
15	9.622	1245	1247	1250	rVB2	20949	18811	1.27%	0.126%
16	9.781	1270	1274	1276	rBV2	23256	22384	1.52%	0.149%
17	9.834	1279	1283	1288	rVB	33994	34429	2.33%	0.230%
18	9.922	1294	1298	1301	rBV	1017853	857257	58.07%	5.722%
19	9.951	1301	1303	1307	rVB	57898	47202	3.20%	0.315%
20	10.122	1329	1332	1336	rVB2	44716	44291	3.00%	0.296%
21	10.234	1347	1351	1354	rBV3	14958	18092	1.23%	0.121%
22	10.340	1366	1369	1372	rVB2	30034	29035	1.97%	0.194%
23	10.469	1387	1391	1397	rVB	56892	54446	3.69%	0.363%
24	10.557	1403	1406	1408	rVB3	21739	18973	1.29%	0.127%
25	10.628	1415	1418	1422	rVB3	15613	20073	1.36%	0.134%
26	10.710	1428	1432	1443	rBV	753015	661660	44.82%	4.416%
27	10.810	1446	1449	1455	rBV3	33754	52428	3.55%	0.350%
28	11.016	1479	1484	1487	rBV4	18454	25007	1.69%	0.167%
29	11.263	1522	1526	1528	rBV	28645	32279	2.19%	0.215%
30	11.310	1532	1534	1538	rVB	31840	26420	1.79%	0.176%
31	11.410	1547	1551	1554	rBV	821372	788724	53.43%	5.265%
32	11.434	1554	1555	1559	rVV	429546	320831	21.73%	2.141%
33	11.487	1561	1564	1567	rVB	92167	74700	5.06%	0.499%
34	11.645	1587	1591	1595	rBV	37438	47456	3.21%	0.317%
35	11.745	1606	1608	1612	rVB4	19527	19127	1.30%	0.128%
36	11.792	1613	1616	1619	rVB	118130	89078	6.03%	0.595%

LSC Area Percent Report

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

37	11.910	1634	1636	1639	rBV	54228	52586	3.56%	0.351%
38	11.939	1639	1641	1645	rVV	75014	71767	4.86%	0.479%
39	11.987	1647	1649	1652	rVV	28073	23564	1.60%	0.157%
40	12.028	1652	1656	1658	rVV2	81103	91990	6.23%	0.614%
41	12.045	1658	1659	1663	rVB	42184	35616	2.41%	0.238%
42	12.098	1665	1668	1670	rBV	25482	20976	1.42%	0.140%
43	12.210	1684	1687	1689	rBV	38730	33139	2.24%	0.221%
44	12.239	1689	1692	1695	rVB	25208	20917	1.42%	0.140%
45	12.386	1714	1717	1720	rVB3	19211	18770	1.27%	0.125%
46	12.463	1727	1730	1732	rBV	40466	41472	2.81%	0.277%
47	12.498	1732	1736	1739	rVV3	69417	82734	5.60%	0.552%
48	12.551	1742	1745	1748	rBV3	31156	34991	2.37%	0.234%
49	12.628	1755	1758	1762	rBV	527516	433444	29.36%	2.893%
50	12.857	1791	1797	1803	rBV	427740	471391	31.93%	3.146%
51	12.904	1803	1805	1810	rVB2	27110	33928	2.30%	0.226%
52	12.998	1815	1821	1824	rBV	1234683	1073675	72.74%	7.167%
53	13.075	1830	1834	1839	rBV4	33983	64010	4.34%	0.427%
54	13.163	1846	1849	1850	rBV3	24286	26674	1.81%	0.178%
55	13.186	1850	1853	1856	rVB2	59836	60330	4.09%	0.403%
56	13.216	1856	1858	1861	rBV3	20579	20960	1.42%	0.140%
57	13.251	1862	1864	1867	rBV2	47853	38927	2.64%	0.260%
58	13.292	1867	1871	1873	rBV2	48372	57617	3.90%	0.385%
59	13.386	1884	1887	1889	rBV	23867	24537	1.66%	0.164%
60	13.416	1889	1892	1898	rVV4	30799	38661	2.62%	0.258%
61	13.557	1914	1916	1919	rBV3	17500	20939	1.42%	0.140%
62	13.669	1933	1935	1937	rBV3	17055	19855	1.35%	0.133%
63	13.698	1937	1940	1944	rVB	39472	44928	3.04%	0.300%
64	13.810	1956	1959	1961	rVB2	35869	31884	2.16%	0.213%
65	13.833	1961	1963	1965	rBV	33512	25829	1.75%	0.172%
66	13.863	1965	1968	1969	rVV	24504	22884	1.55%	0.153%
67	13.904	1973	1975	1978	rVB	27969	22238	1.51%	0.148%
68	14.057	1997	2001	2004	rBV2	653551	776255	52.59%	5.181%
69	14.086	2004	2006	2009	rVB	179277	138247	9.37%	0.923%
70	14.151	2014	2017	2022	rVB2	105620	121174	8.21%	0.809%
71	15.116	2177	2181	2184	rBV	123429	193911	13.14%	1.294%
72	15.422	2231	2233	2240	rVB	74907	91368	6.19%	0.610%
73	15.486	2241	2244	2250	rVB	98636	124520	8.44%	0.831%
74	15.551	2251	2255	2259	rBV	355670	436124	29.55%	2.911%

Sum of corrected areas: 14981613

Instrument :
BNA_F
ClientSampleId :
350

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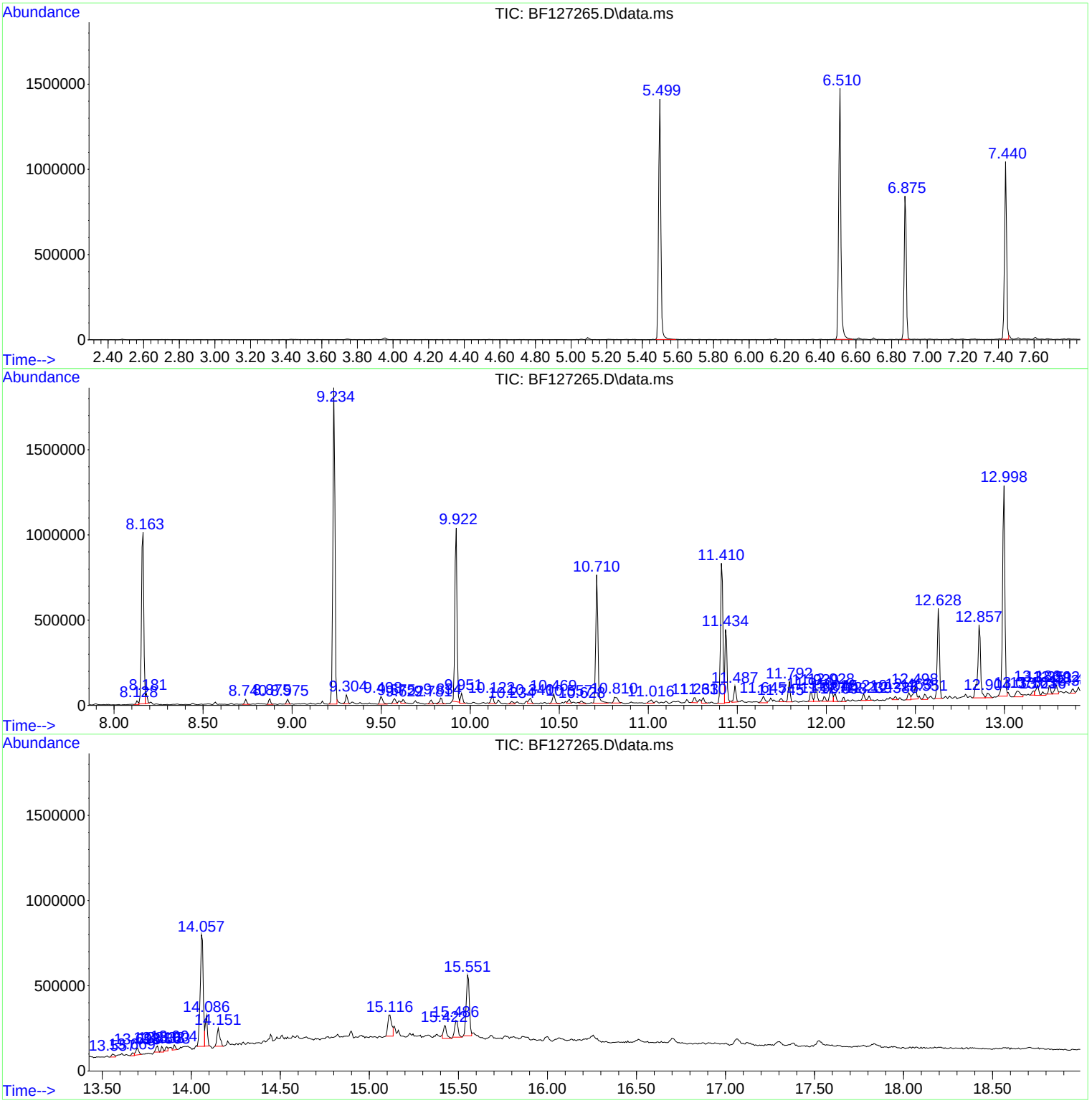
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
350

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



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Data File : BF127265.D
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Sample : N1830-07 2X
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Instrument :
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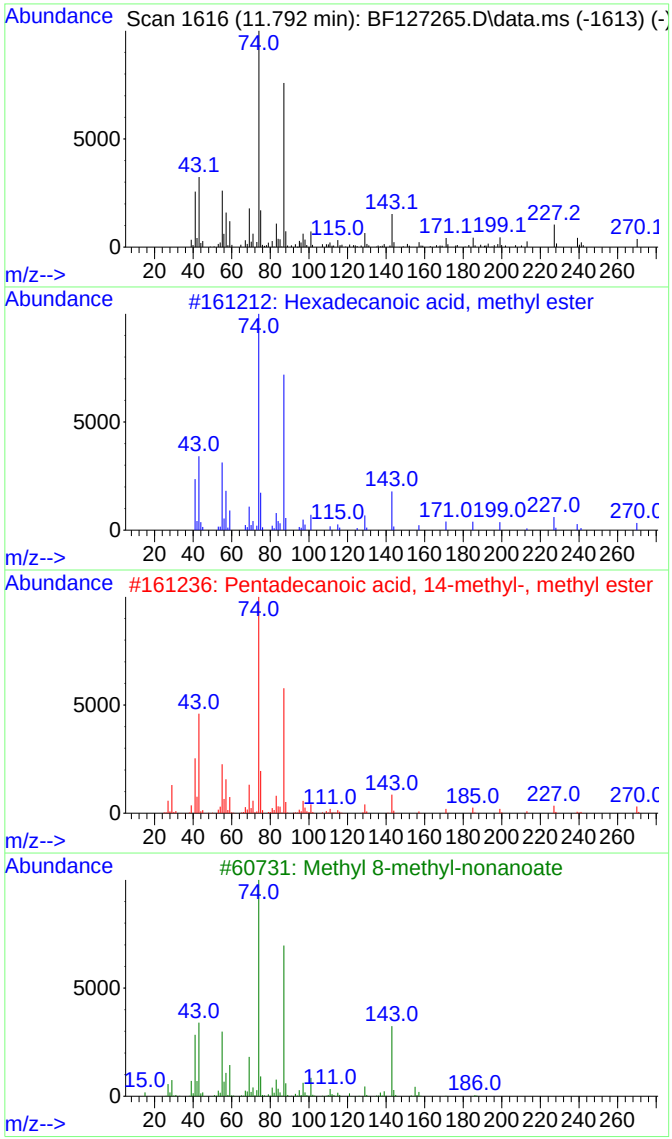
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

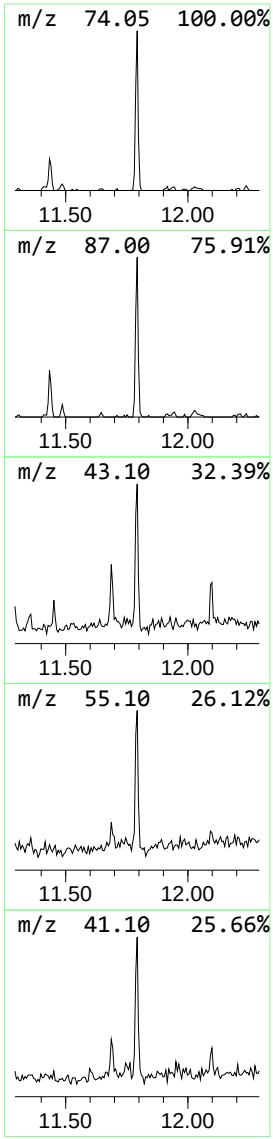
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	2.26 ng	89078	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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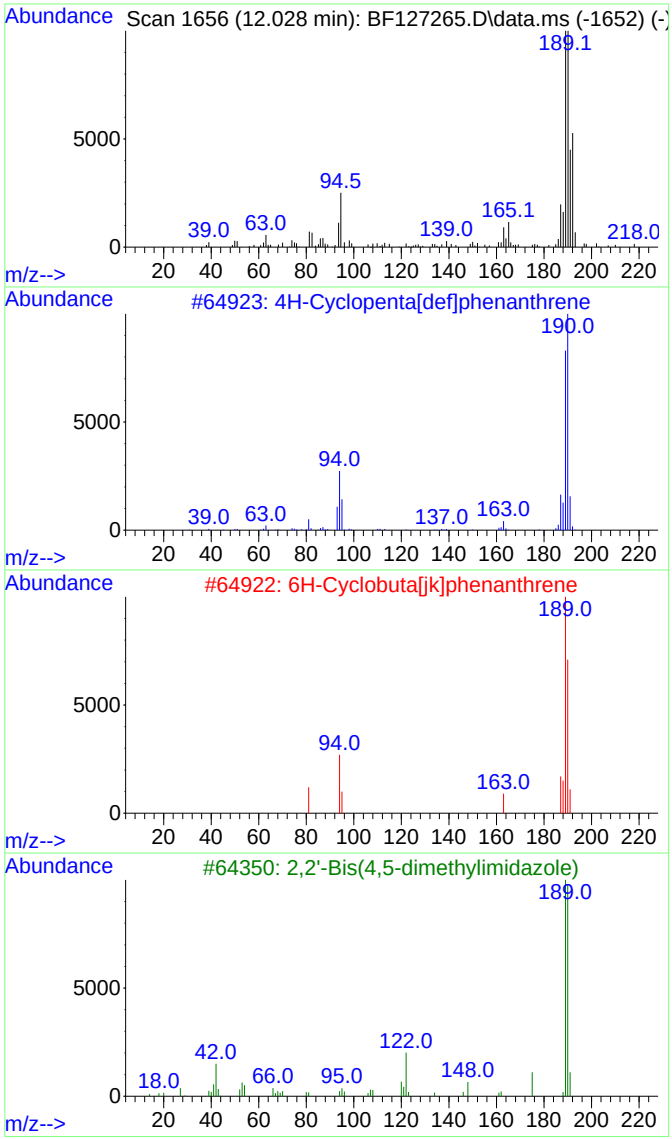
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

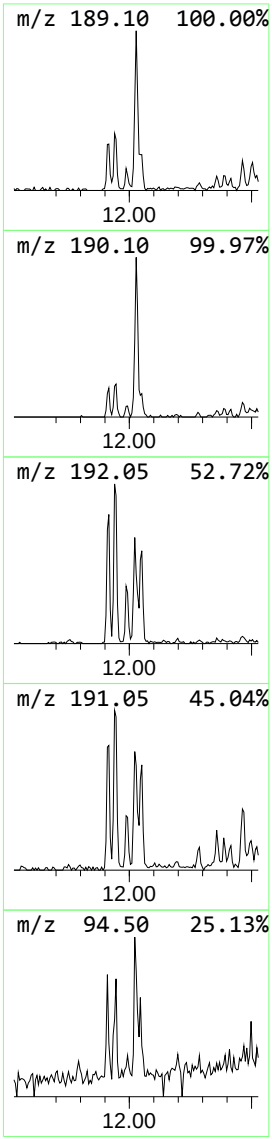
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	2.33 ng	91990	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
4	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	25
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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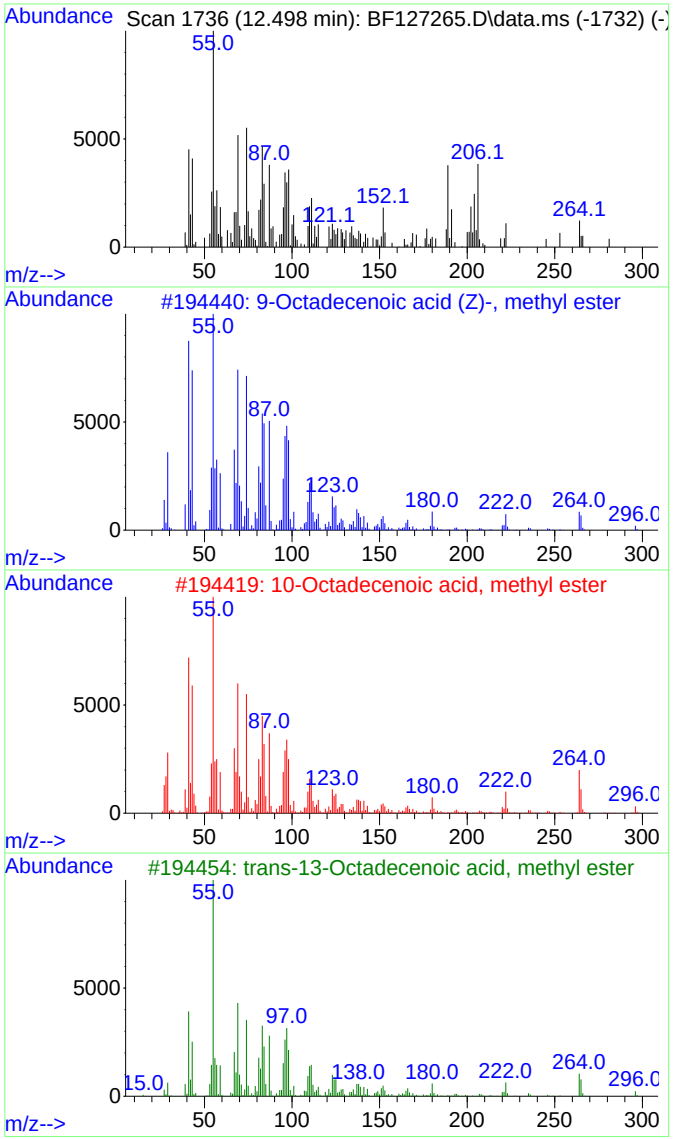
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

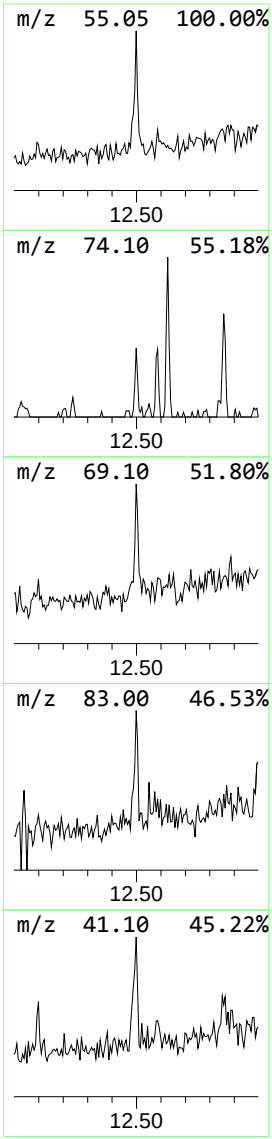
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	2.10 ng	82734	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	50
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	49
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	46
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	43
5	Methyl myristoleate	240	C15H28O2	056219-06-8	41





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

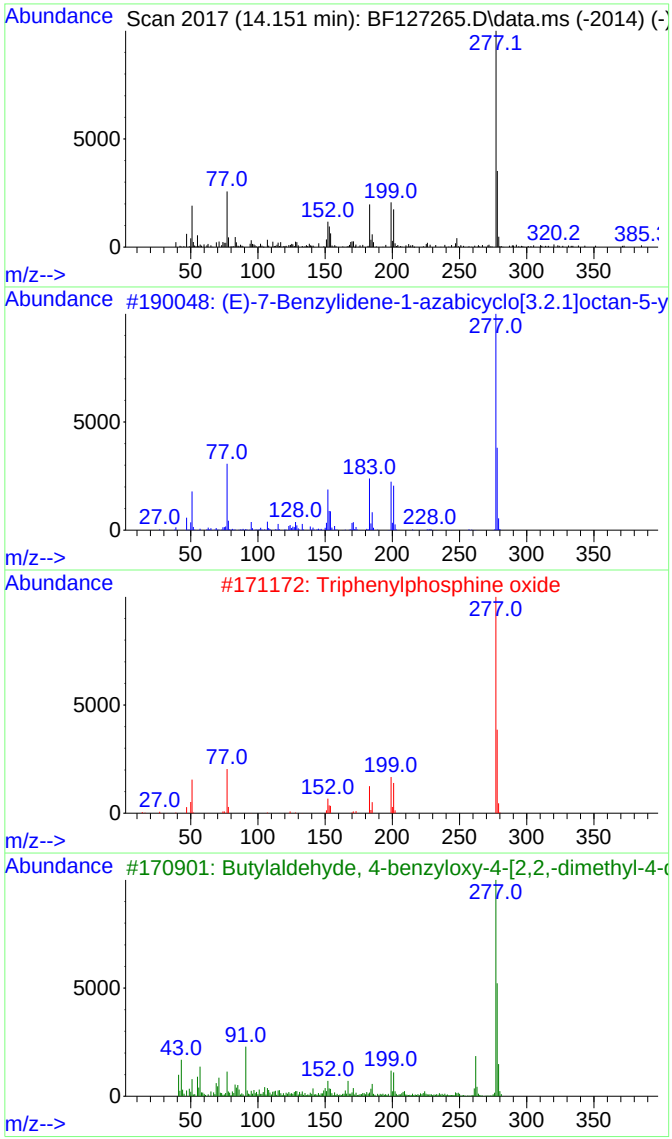
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

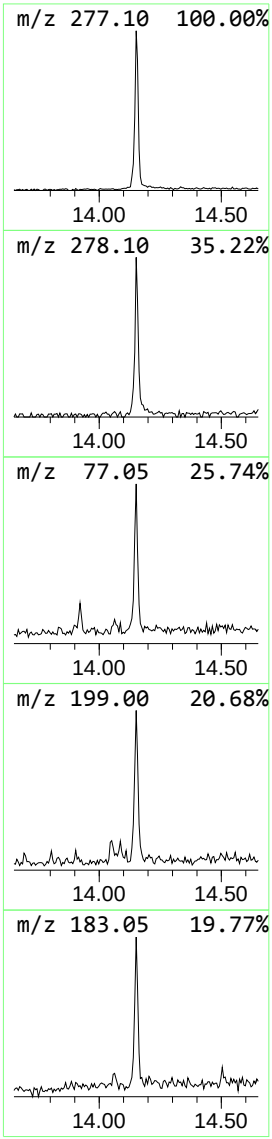
****

Peak Number 4 (E)-7-Benzylidene-1-azabicy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	3.12 ng	121174	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	76
2	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	64
3	Butylaldehyde, 4-benzyloxy-4-[2,...	278	C16H22O4	149180-87-0	40
4	Benzoic acid, 2-(diphenylphosphi...	306	C19H15O2P	017261-28-8	40
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	38





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ALS Vial : 17 Sample Multiplier: 1

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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

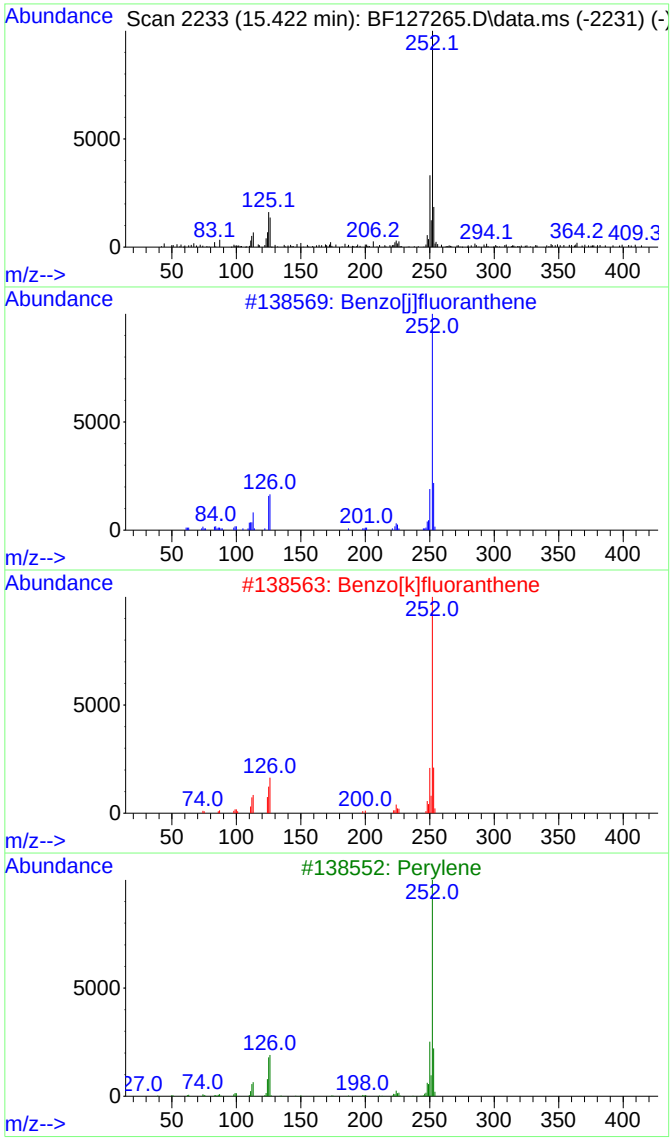
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

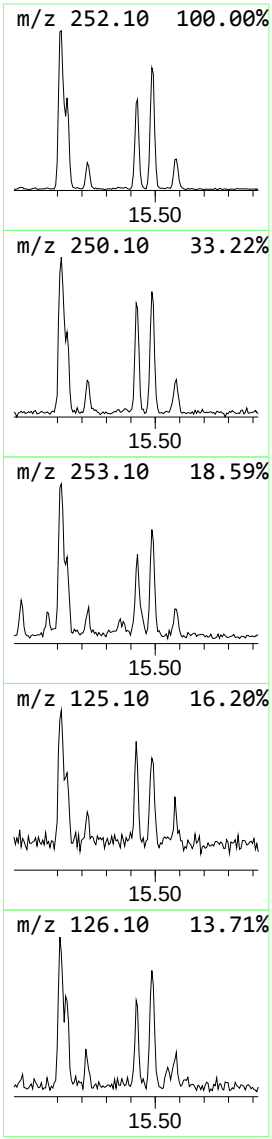
****

Peak Number 5 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.422	4.19 ng	91368	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[e]pyrene	252	C20H12	000192-97-2	90





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	11.792	2.3	ng	89078	4	11.410	788724	20.0
4H-Cyclopenta[d...	12.028	2.3	ng	91990	4	11.410	788724	20.0
9-Octadecenoic ...	12.498	2.1	ng	82734	4	11.410	788724	20.0
(E)-7-Benzylide...	14.151	3.1	ng	121174	5	14.063	776255	20.0
Benzo[j]fluoran...	15.422	4.2	ng	91368	6	15.551	436124	20.0