LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
Data File : BF133221.D
Acq On : 03 May 2023 22:25
Operator : CG\JU
Sample : 02585-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-050223

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133221.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.681	266	271	276	rVB	18083	26436	1.54%	0.138%
2	5.328	547	551	562	rBV	685201	622290	36.29%	3.238%
3	6.357	723	726	734	rBV	823685	675776	39.41%	3.516%
4	6.551	753	759	761	rBV2	20258	25698	1.50%	0.134%
5	6.728	785	789	792	rBV	1670558	1236036	72.09%	6.432%
6	6.910	817	820	823	rVB	41924	37595	2.19%	0.196%
7	7.010	831	837	840	rVB5	15969	24001	1.40%	0.125%
8	7.287	881	884	890	rVB	589294	443770	25.88%	2.309%
9	7.334	890	892	895	rVB	51876	36341	2.12%	0.189%
10	7.375	895	899	903	rVB7	15848	21851	1.27%	0.114%
11	7.534	923	926	931	rVB4	23793	30238	1.76%	0.157%
12	7.639	938	944	948	rBV6	10131	22203	1.29%	0.116%
13	7.751	958	963	965	rBV3	33643	41064	2.39%	0.214%
14	8.010	1003	1007	1010	rBV	2035686	1714685	100.00%	8.922%
15	8.034	1010	1011	1014	rVB	49278	25811	1.51%	0.134%
16	8.310	1053	1058	1061	rBV7	18866	29677	1.73%	0.154%
17	8.398	1070	1073	1076	rBV4	27856	24954	1.46%	0.130%
18	8.516	1090	1093	1096	rVB2	30867	25829	1.51%	0.134%
19	8.581	1101	1104	1106	rBV2	22539	20783	1.21%	0.108%
20	8.610	1106	1109	1112	rVB	78584	59651	3.48%	0.310%
21	8.722	1127	1128	1132	rVB	36484	26832	1.56%	0.140%
22	8.775	1134	1137	1142	rBV	39903	48534	2.83%	0.253%
23	8.822	1142	1145	1149	rVV2	41089	48424	2.82%	0.252%
24	9.039	1179	1182	1186	rVB4	29362	31824	1.86%	0.166%
25	9.086	1186	1190	1193	rBV	1122255	820433	47.85%	4.269%
26	9.175	1199	1205	1211	rBV2	112901	109428	6.38%	0.569%
27	9.239	1211	1216	1218	rVB2	26312	26694	1.56%	0.139%
28	9.345	1230	1234	1239	rBV3	24609	39363	2.30%	0.205%
29	9.422	1241	1247	1250	rVV3	46002	65020	3.79%	0.338%
30	9.451	1250	1252	1254	rVV2	39702	31548	1.84%	0.164%
31	9.492	1254	1259	1261	rVV3	41500	61541	3.59%	0.320%
32	9.551	1265	1269	1272	rVB3	24518	34866	2.03%	0.181%
33	9.704	1293	1295	1300	rVB	118449	83638	4.88%	0.435%
34	9.763	1302	1305	1308	rVV	2106203	1606922	93.72%	8.362%
35	9.792	1308	1310	1313	rVB	125913	108073	6.30%	0.562%
36	9.922	1330	1332	1337	rBV3	12975	23409	1.37%	0.122%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
Data File : BF133221.D
Acq On : 03 May 2023 22:25
Operator : CG\JU
Sample : 02585-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050223

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.969	1337	1340	1343	rVB	59587	54926	3.20%	0.286%
38	10.028	1348	1350	1353	rVB3	25456	23687	1.38%	0.123%
39	10.204	1376	1380	1382	rVB	109727	80731	4.71%	0.420%
40	10.310	1395	1398	1400	rBV	108117	90395	5.27%	0.470%
41	10.375	1405	1409	1411	rVV3	26088	27271	1.59%	0.142%
42	10.422	1414	1417	1420	rVV	47748	57261	3.34%	0.298%
43	10.475	1423	1426	1429	rVB2	90522	83974	4.90%	0.437%
44	10.545	1435	1438	1443	rBV	296897	281966	16.44%	1.467%
45	10.675	1458	1460	1465	rVB2	104387	118362	6.90%	0.616%
46	10.745	1469	1472	1474	rBV2	53344	58848	3.43%	0.306%
47	10.775	1474	1477	1480	rVV2	28334	29850	1.74%	0.155%
48	10.810	1480	1483	1485	rVV2	21962	21136	1.23%	0.110%
49	10.922	1499	1502	1506	rVB6	17241	28406	1.66%	0.148%
50	10.957	1506	1508	1511	rBV2	30550	33063	1.93%	0.172%
51	11.122	1534	1536	1538	rBV	77824	64296	3.75%	0.335%
52	11.145	1538	1540	1545	rVB2	48533	73202	4.27%	0.381%
53	11.245	1553	1557	1559	rBV	1694745	1345250	78.45%	7.000%
54	11.269	1559	1561	1564	rVV	626710	465774	27.16%	2.424%
55	11.316	1565	1569	1573	rVV2	207294	226324	13.20%	1.178%
56	11.351	1573	1575	1580	rVB	30538	41738	2.43%	0.217%
57	11.475	1591	1596	1599	rBV2	81263	78981	4.61%	0.411%
58	11.551	1606	1609	1611	rBV2	78405	60847	3.55%	0.317%
59	11.645	1623	1625	1632	rVB2	48537	67271	3.92%	0.350%
60	11.745	1639	1642	1644	rBV	75577	74205	4.33%	0.386%
61	11.780	1644	1648	1652	rVV2	285970	337380	19.68%	1.756%
62	11.822	1652	1655	1658	rVB	60223	65717	3.83%	0.342%
63	11.857	1658	1661	1664	rBV	144183	150105	8.75%	0.781%
64	11.957	1675	1678	1680	rVB3	71695	57414	3.35%	0.299%
65	12.045	1690	1693	1694	rBV2	49475	43990	2.57%	0.229%
66	12.063	1694	1696	1702	rVB2	51501	66683	3.89%	0.347%
67	12.174	1712	1715	1716	rBV	41077	36294	2.12%	0.189%
68	12.222	1721	1723	1725	rBV2	28830	32069	1.87%	0.167%
69	12.298	1733	1736	1738	rBV	72088	72949	4.25%	0.380%
70	12.333	1739	1742	1743	rBV3	121903	107116	6.25%	0.557%
71	12.380	1748	1750	1754	rBV4	33131	41979	2.45%	0.218%
72	12.457	1759	1763	1766	rBV	731749	630940	36.80%	3.283%
73	12.569	1777	1782	1787	rBV2	387361	547040	31.90%	2.847%
74	12.680	1796	1801	1804	rBV2	602631	654677	38.18%	3.407%
75	12.804	1819	1822	1823	rBV2	65409	56407	3.29%	0.294%
76	12.827	1823	1826	1832	rVB	809134	704074	41.06%	3.664%

LSC Area Percent Report

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Sample : 02585-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050223

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.010	1855	1857	1861	rVB	174109	173536	10.12%	0.903%
78	13.074	1865	1868	1871	rVB2	205032	193092	11.26%	1.005%
79	13.116	1873	1875	1877	rBV2	80098	62338	3.64%	0.324%
80	13.416	1924	1926	1928	rBV	113218	88184	5.14%	0.459%
81	13.745	1980	1982	1985	rVB2	90925	65188	3.80%	0.339%
82	13.880	2001	2005	2008	rBV2	1389567	1469464	85.70%	7.646%
83	13.904	2008	2009	2012	rVB	284783	188940	11.02%	0.983%
84	14.363	2085	2087	2090	rBV	142962	135469	7.90%	0.705%
85	14.898	2176	2178	2187	rVB	248236	460427	26.85%	2.396%
86	15.245	2234	2237	2239	rBV	173704	176905	10.32%	0.921%
87	15.304	2243	2247	2250	rBV	720109	800588	46.69%	4.166%

Sum of corrected areas: 19217967

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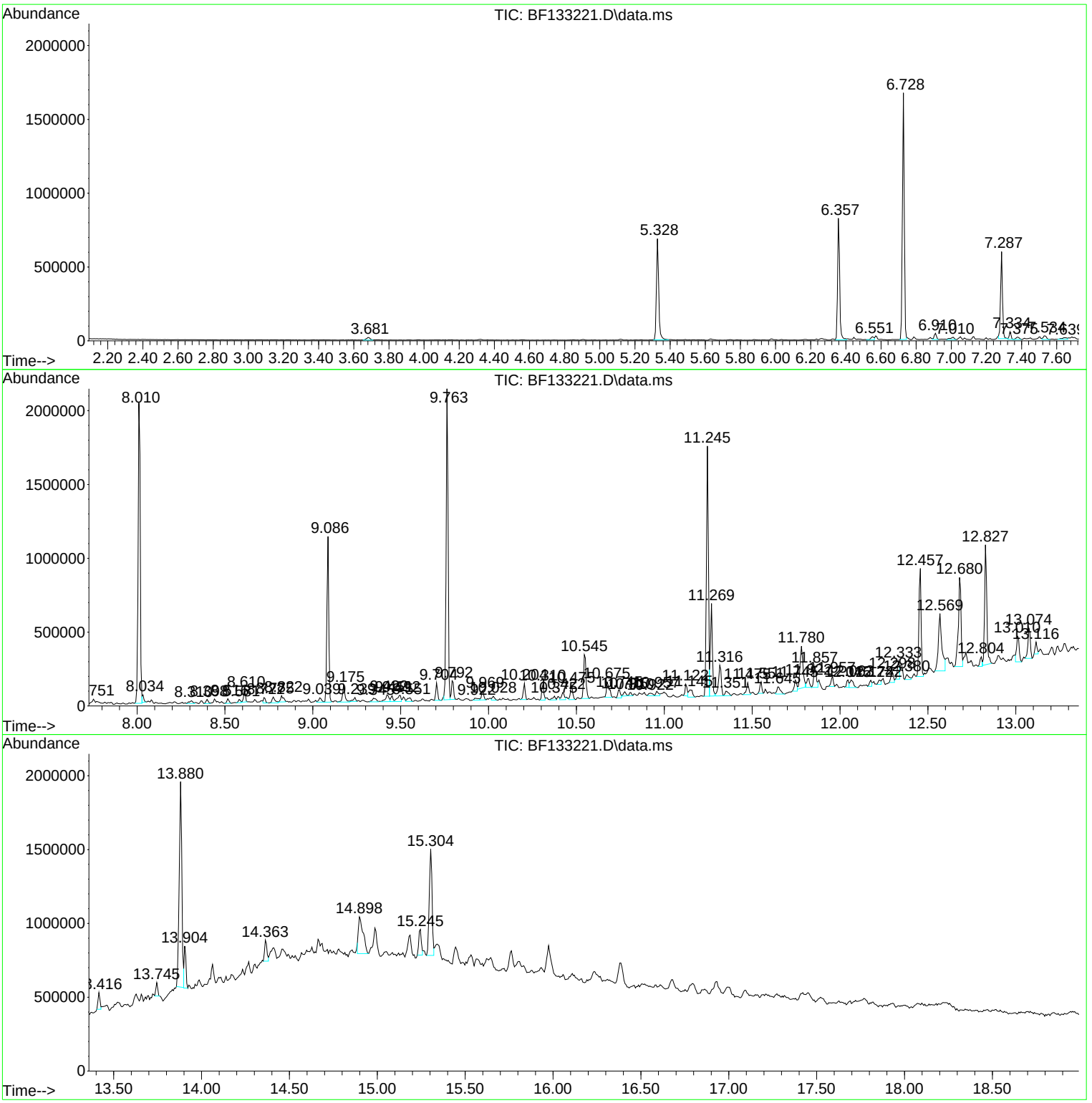
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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\BF050323\
Data File : BF133221.D
Acq On : 03 May 2023 22:25
Operator : CG\JU
Sample : 02585-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

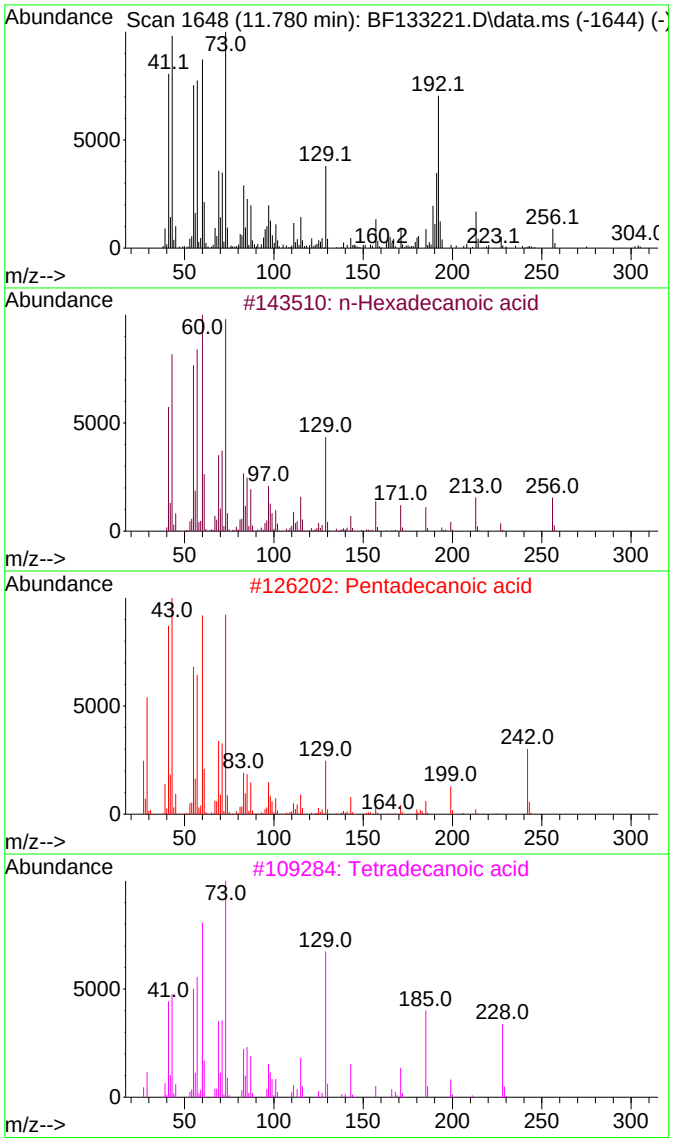
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

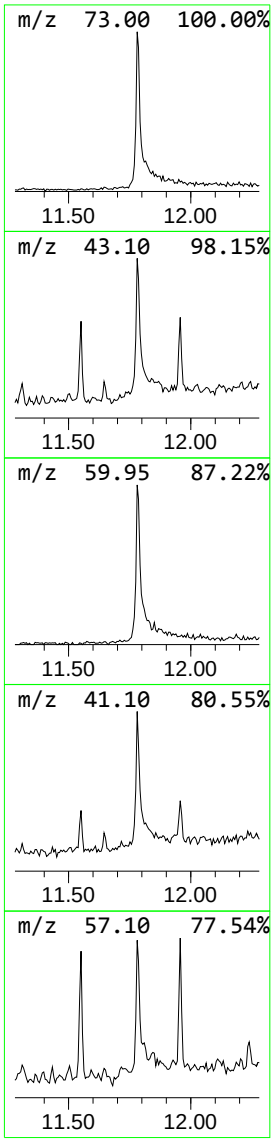
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	5.02 ng	337380	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
Data File : BF133221.D
Acq On : 03 May 2023 22:25
Operator : CG\JU
Sample : 02585-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050223

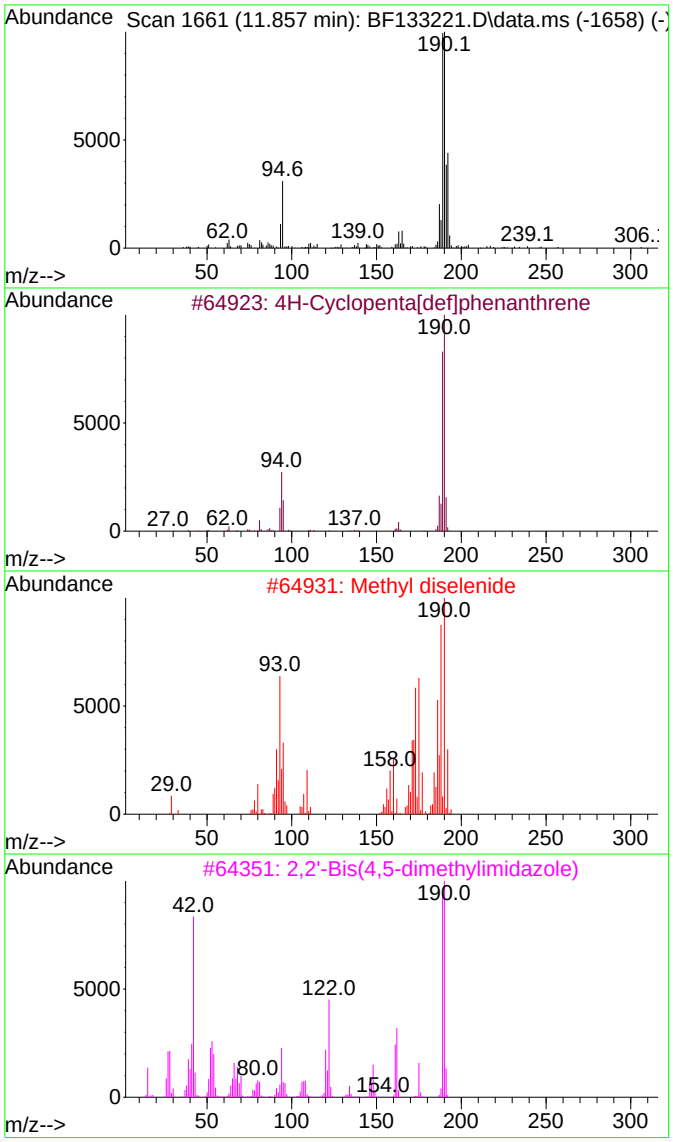
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

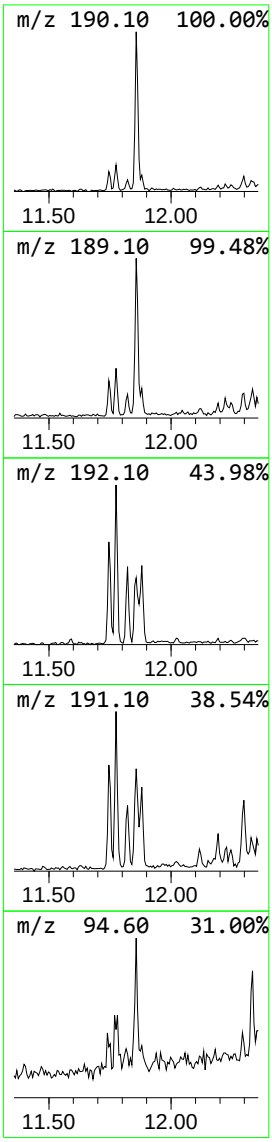
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	2.23 ng	150105	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	28
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

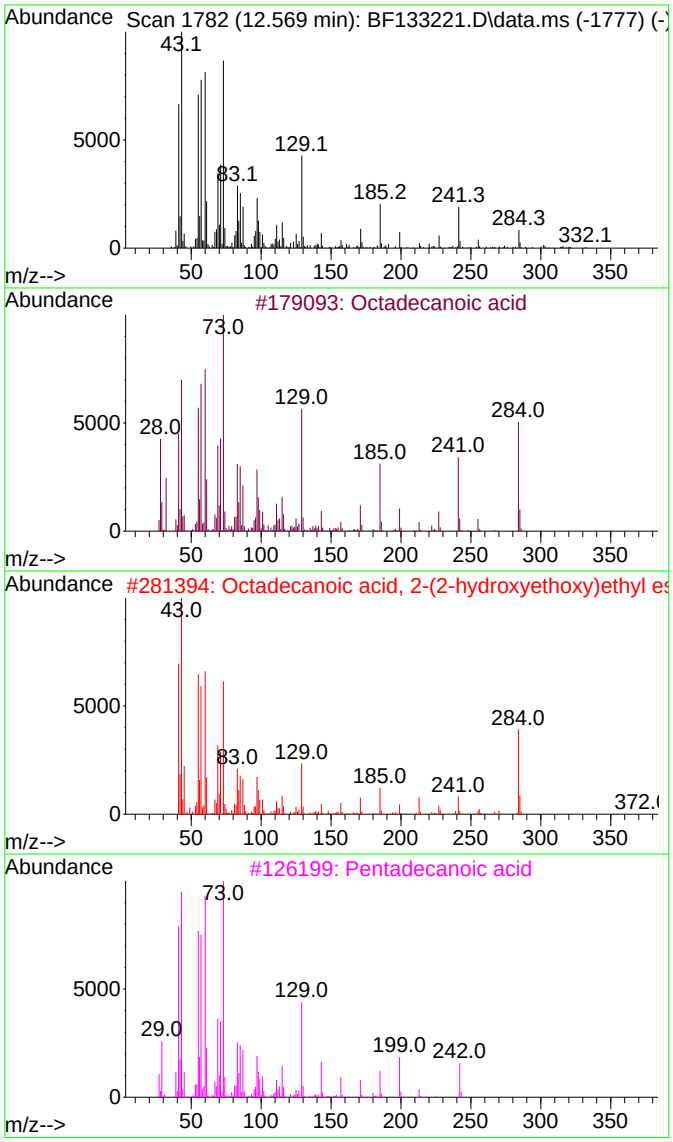
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

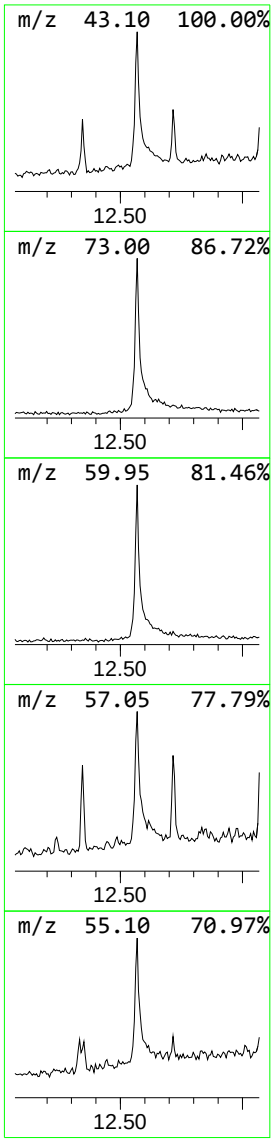
****

Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	7.45 ng	547040	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	83





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

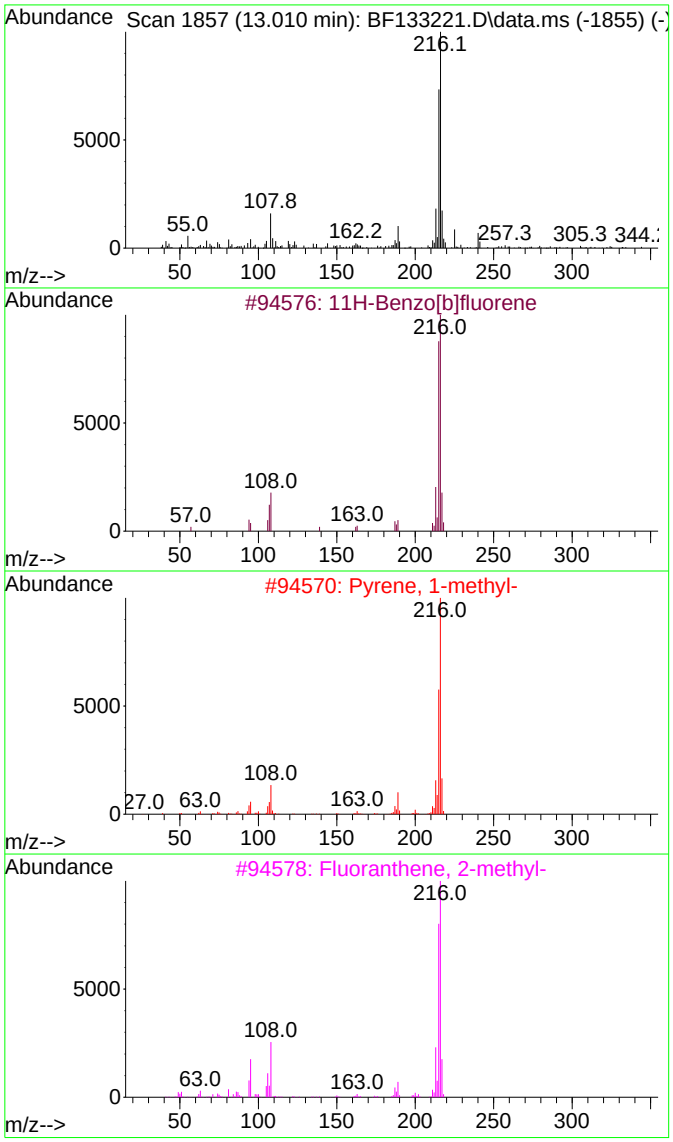
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

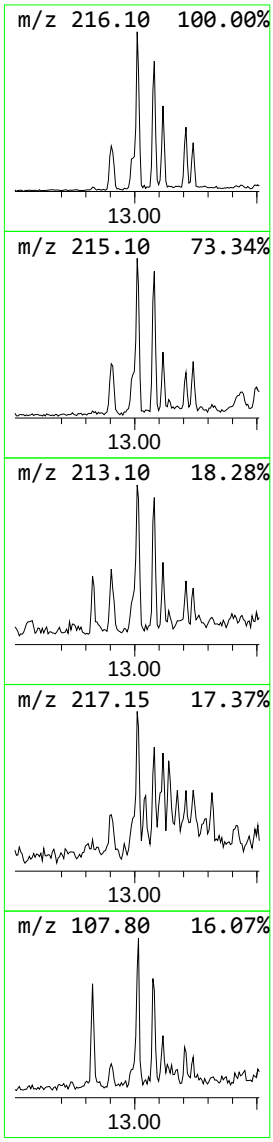
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	2.36 ng	173536	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : 02585-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

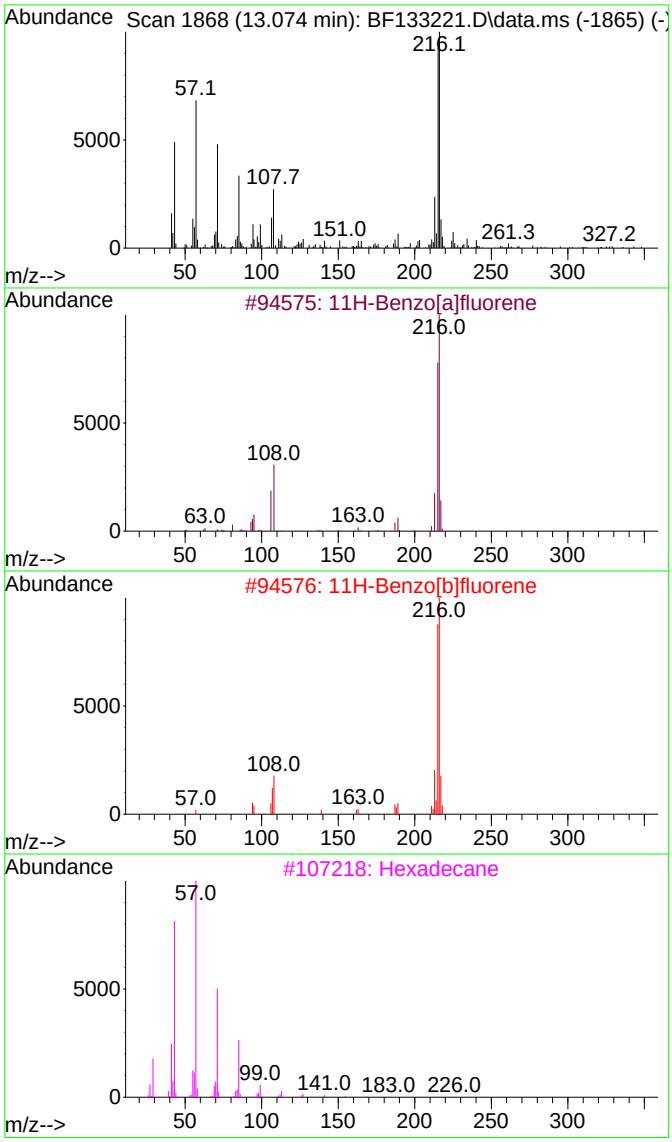
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

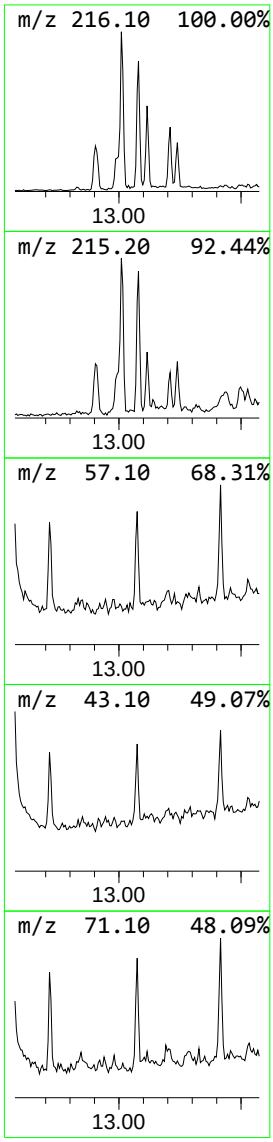
****

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	2.63 ng	193092	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
3	Hexadecane	226	C16H34	000544-76-3	59
4	Heptadecane	240	C17H36	000629-78-7	55
5	Pentadecane	212	C15H32	000629-62-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
Data File : BF133221.D
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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
n-Hexadecanoic ...	11.780	5.0	ng	337380	4	11.245	1345250	20.0
4H-Cyclopenta[d...	11.857	2.2	ng	150105	4	11.245	1345250	20.0
Octadecanoic acid	12.569	7.5	ng	547040	5	13.880	1469460	20.0
11H-Benzo[b]flu...	13.010	2.4	ng	173536	5	13.880	1469460	20.0
11H-Benzo[a]flu...	13.074	2.6	ng	193092	5	13.880	1469460	20.0