LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

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:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.151	209	215	222	rVB	38656	47115	1.22%	0.118%
2	4.075	368	372	379	rVB	355397	451122	11.68%	1.130%
3	4.434	429	433	434	rBV	97330	98155	2.54%	0.246%
4	4.463	434	438	441	rVB	3155125	3183982	82.45%	7.975%
5	4.692	473	477	483	rVB2	51264	64117	1.66%	0.161%
6	5.110	541	548	555	rBV6	22220	39191	1.01%	0.098%
7	5.528	613	619	622	rBV	2916860	3428342	88.78%	8.587%
8	5.675	638	644	647	rBV	3157109	3547606	91.86%	8.886%
9	5.928	682	687	690	rBV	1004624	943898	24.44%	2.364%
10	6.104	712	717	721	rVB	2637755	2705531	70.06%	6.777%
11	6.575	790	797	800	rBV	2090680	2427395	62.86%	6.080%
12	6.639	803	808	811	rVB2	37019	46682	1.21%	0.117%
13	6.710	817	820	824	rVB	37186	40506	1.05%	0.101%
14	6.863	843	846	849	rBV2	34093	38668	1.00%	0.097%
15	7.133	887	892	894	rBV	38619	43750	1.13%	0.110%
16	7.428	937	942	950	rVB	1338929	1413133	36.59%	3.540%
17	7.545	958	962	965	rBV	42057	41977	1.09%	0.105%
18	7.986	1031	1037	1042	rVB	81727	93144	2.41%	0.233%
19	8.116	1056	1059	1066	rVB3	35723	46306	1.20%	0.116%
20	8.192	1066	1072	1075	rBV	66381	77210	2.00%	0.193%
21	8.298	1086	1090	1095	rVB	76911	91788	2.38%	0.230%
22	8.416	1106	1110	1113	rVB	90914	80298	2.08%	0.201%
23	8.751	1158	1167	1171	rVB	3303738	3861771	100.00%	9.673%
24	8.886	1184	1190	1194	rBV2	77506	93622	2.42%	0.235%
25	9.063	1217	1220	1226	rVB2	29406	39409	1.02%	0.099%
26	9.157	1227	1236	1239	rBV	91880	118020	3.06%	0.296%
27	9.186	1239	1241	1244	rVV	65017	63285	1.64%	0.159%
28	9.245	1244	1251	1254	rVV	266714	292157	7.57%	0.732%
29	9.286	1254	1258	1266	rVB3	86577	171881	4.45%	0.431%
30	9.392	1273	1276	1282	rVB3	43880	63287	1.64%	0.159%
31	9.545	1297	1302	1303	rBV	130713	161221	4.17%	0.404%
32	9.569	1303	1306	1310	rVB2	1376617	1414002	36.62%	3.542%
33	9.716	1326	1331	1336	rBV5	21046	42490	1.10%	0.106%
34	9.822	1346	1349	1354	rBV3	60992	91476	2.37%	0.229%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

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:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.880	1354	1359	1361	rVV3	37495	52089	1.35%	0.130%
36	9.933	1364	1368	1371	rBV2	40800	45978	1.19%	0.115%
37	9.974	1371	1375	1378	rBV2	42208	61034	1.58%	0.153%
38	10.080	1388	1393	1397	rBV2	73267	94379	2.44%	0.236%
39	10.157	1402	1406	1409	rBV	182350	173032	4.48%	0.433%
40	10.239	1417	1420	1424	rVB2	62090	65348	1.69%	0.164%
41	10.286	1424	1428	1431	rBV2	25595	39229	1.02%	0.098%
42	10.433	1448	1453	1462	rVB2	87585	152420	3.95%	0.382%
43	10.545	1466	1472	1477	rBV	1845213	2133626	55.25%	5.344%
44	10.745	1502	1506	1508	rBV	235398	265292	6.87%	0.665%
45	10.763	1508	1509	1514	rVB	169528	126225	3.27%	0.316%
46	10.986	1544	1547	1551	rBV4	28957	45589	1.18%	0.114%
47	11.092	1561	1565	1571	rVB6	43909	71187	1.84%	0.178%
48	11.151	1571	1575	1582	rVB4	56903	81443	2.11%	0.204%
49	11.298	1596	1600	1604	rBV	211817	194939	5.05%	0.488%
50	11.339	1604	1607	1610	rVB	58262	63393	1.64%	0.159%
51	11.392	1611	1616	1619	rBV	1299072	1369032	35.45%	3.429%
52	11.421	1619	1621	1625	rVB	326055	269248	6.97%	0.674%
53	11.480	1625	1631	1635	rBV3	46114	61227	1.59%	0.153%
54	11.621	1650	1655	1663	rVB6	28448	61268	1.59%	0.153%
55	11.827	1687	1690	1695	rVB	175478	180738	4.68%	0.453%
56	12.015	1719	1722	1725	rBV	96408	89994	2.33%	0.225%
57	12.051	1725	1728	1733	rVB	158120	163214	4.23%	0.409%
58	12.145	1741	1744	1747	rBV	136139	145828	3.78%	0.365%
59	12.180	1747	1750	1756	rVB	64686	76743	1.99%	0.192%
60	12.333	1773	1776	1779	rVB	137960	127146	3.29%	0.318%
61	12.386	1782	1785	1791	rBV2	74315	104526	2.71%	0.262%
62	12.568	1814	1816	1820	rBV	40058	39800	1.03%	0.100%
63	12.633	1825	1827	1830	rVB2	43265	41081	1.06%	0.103%
64	12.698	1833	1838	1841	rBV2	108489	126464	3.27%	0.317%
65	12.739	1841	1845	1847	rBV3	47379	54966	1.42%	0.138%
66	12.815	1854	1858	1862	rVB3	142767	159365	4.13%	0.399%
67	12.880	1865	1869	1873	rBV	310163	337209	8.73%	0.845%
68	13.157	1912	1916	1920	rVB	325291	359480	9.31%	0.900%
69	13.204	1921	1924	1931	rVB2	247349	259890	6.73%	0.651%
70	13.274	1931	1936	1938	rBV2	97184	112150	2.90%	0.281%
71	13.374	1947	1953	1956	rBV	2425845	2669056	69.11%	6.686%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

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:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.574	1985	1987	1993	rVB2	71560	72567	1.88%	0.182%
73	13.715	2006	2011	2014	rVB2	92209	139392	3.61%	0.349%
74	14.080	2069	2073	2076	rBV	172482	176067	4.56%	0.441%
75	14.139	2080	2083	2086	rBV	93815	85291	2.21%	0.214%
76	14.539	2147	2151	2160	rBV2	201946	328585	8.51%	0.823%
77	14.645	2163	2169	2172	rBV	967844	1136810	29.44%	2.848%
78	14.674	2172	2174	2176	rVB	117950	94363	2.44%	0.236%
79	14.939	2215	2219	2226	rVB2	100713	144907	3.75%	0.363%
80	15.315	2280	2283	2288	rVB	89654	109259	2.83%	0.274%
81	15.680	2342	2345	2348	rBV	60574	59188	1.53%	0.148%
82	15.756	2354	2358	2361	rBV	96660	106724	2.76%	0.267%
83	15.862	2372	2376	2379	rBV	132994	188450	4.88%	0.472%
84	16.033	2402	2405	2408	rBV	61004	68457	1.77%	0.171%
85	16.151	2423	2425	2429	rVB	79199	85619	2.22%	0.214%
86	16.209	2432	2435	2440	rVB	101435	122768	3.18%	0.308%
87	16.274	2441	2446	2453	rBV	685195	834242	21.60%	2.090%
88	16.392	2464	2466	2470	rVB3	43829	45550	1.18%	0.114%
89	16.803	2534	2536	2544	rVB2	52249	65748	1.70%	0.165%
90	17.627	2673	2676	2684	rVB4	53240	99623	2.58%	0.250%
91	17.815	2703	2708	2713	rBV8	18879	44561	1.15%	0.112%
92	18.021	2740	2743	2750	rVB	44701	78367	2.03%	0.196%

Sum of corrected areas: 39922703

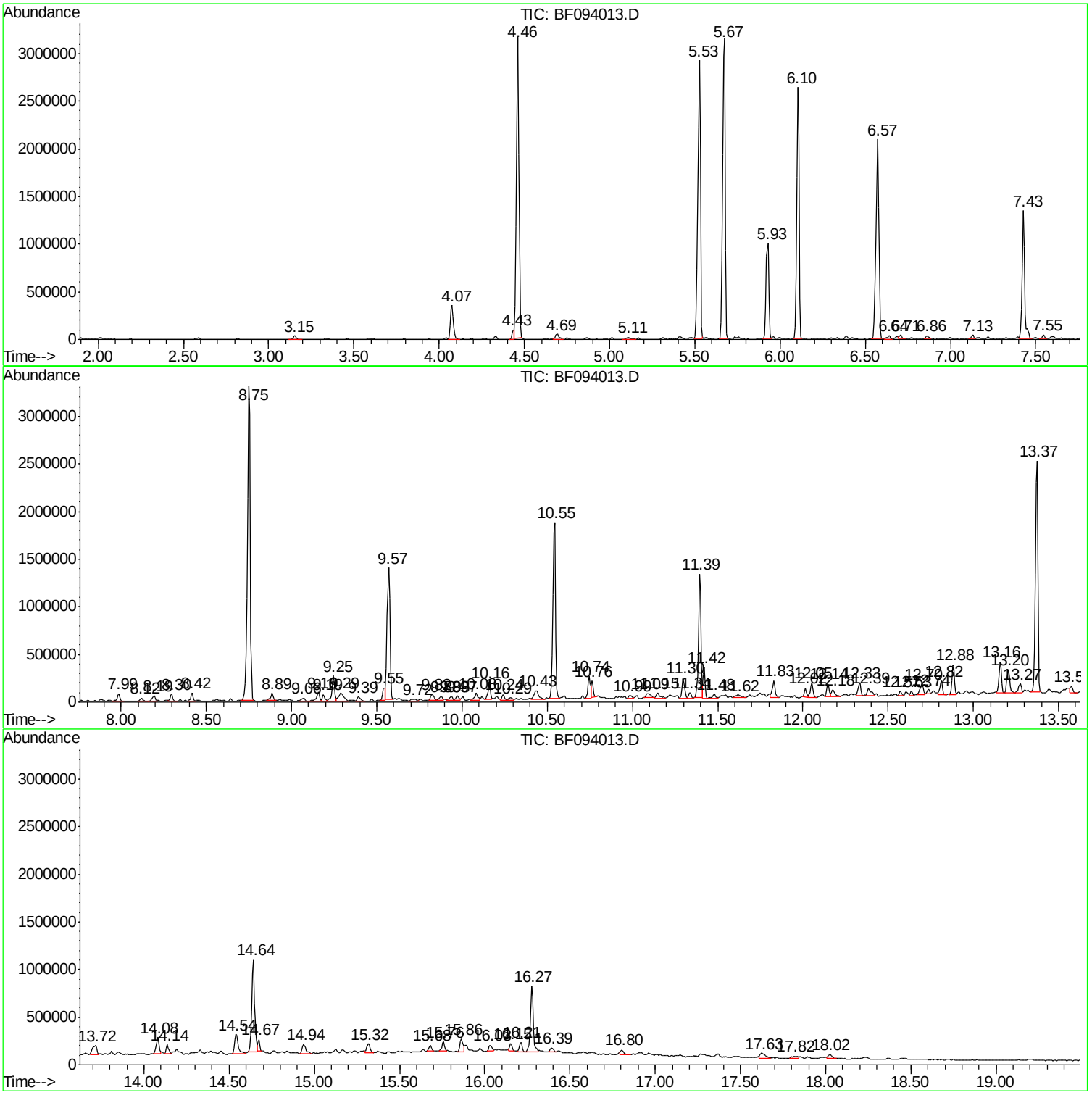
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

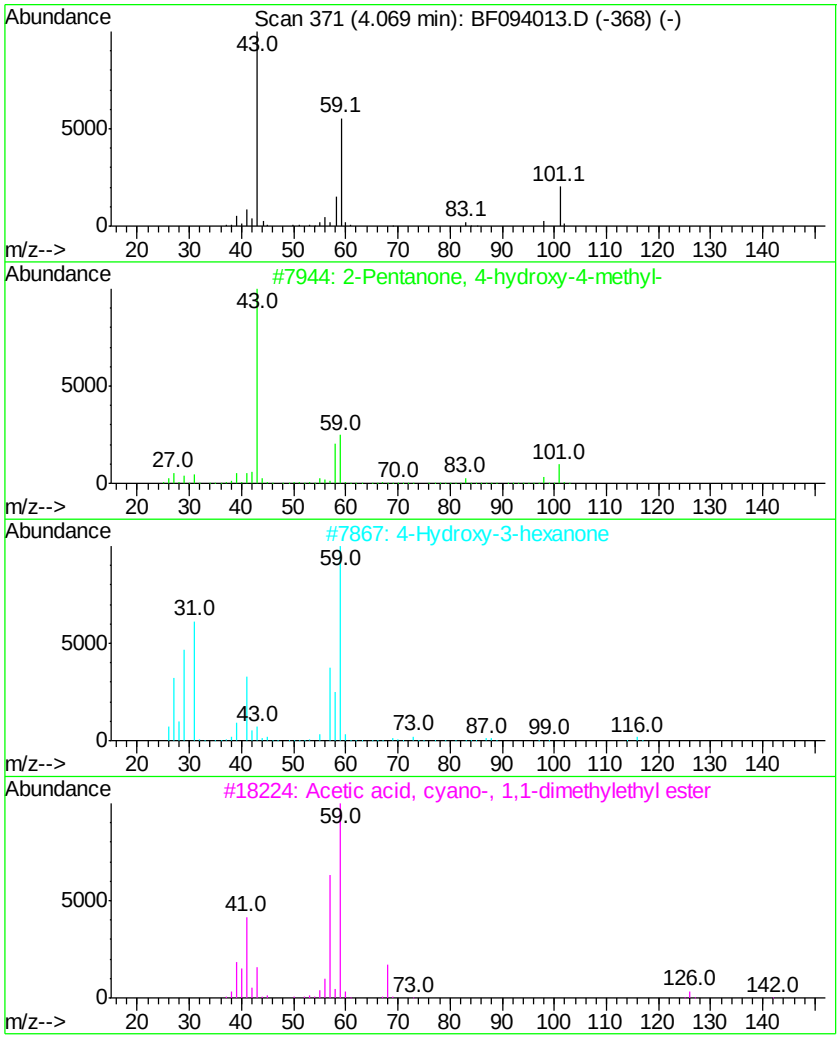
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

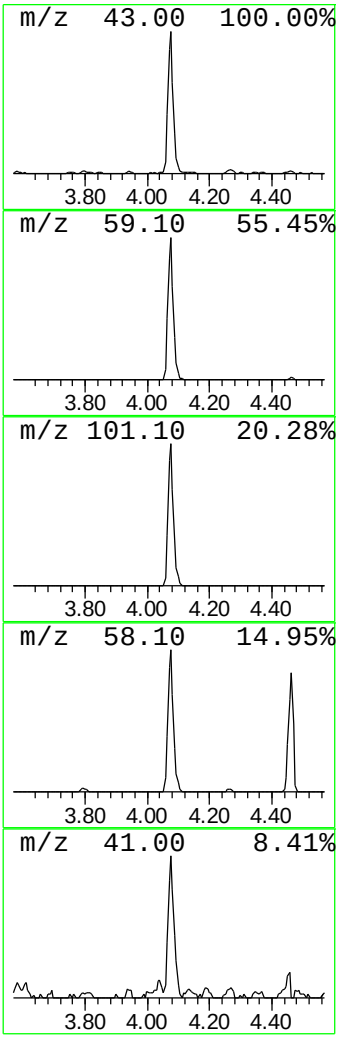
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	9.56 ng	451122	1,4-Dichlorobenzene-d4	5.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

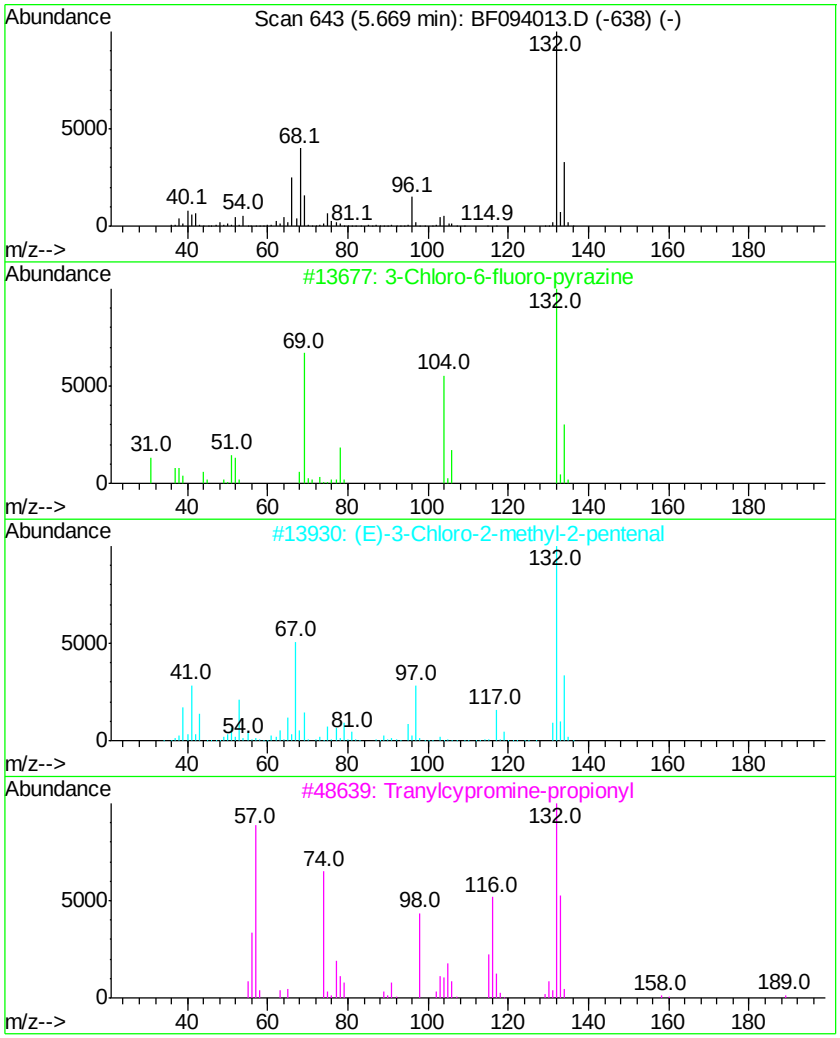
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

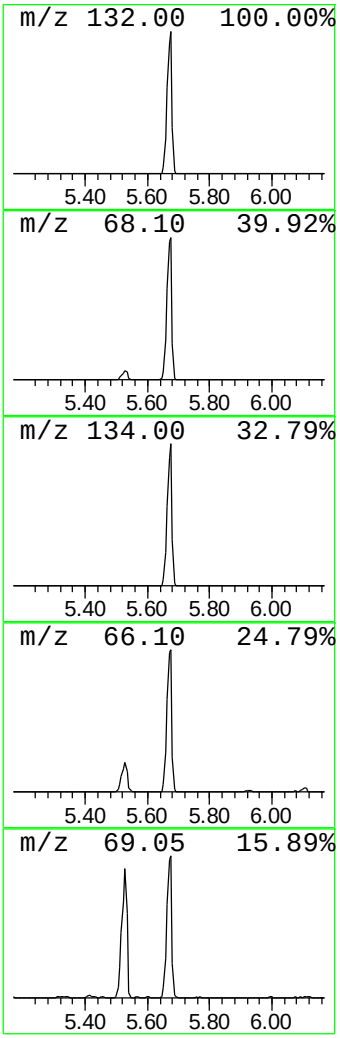
****

Peak Number 2 unknown5.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	75.17 ng	3547610	1,4-Dichlorobenzene-d4	5.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

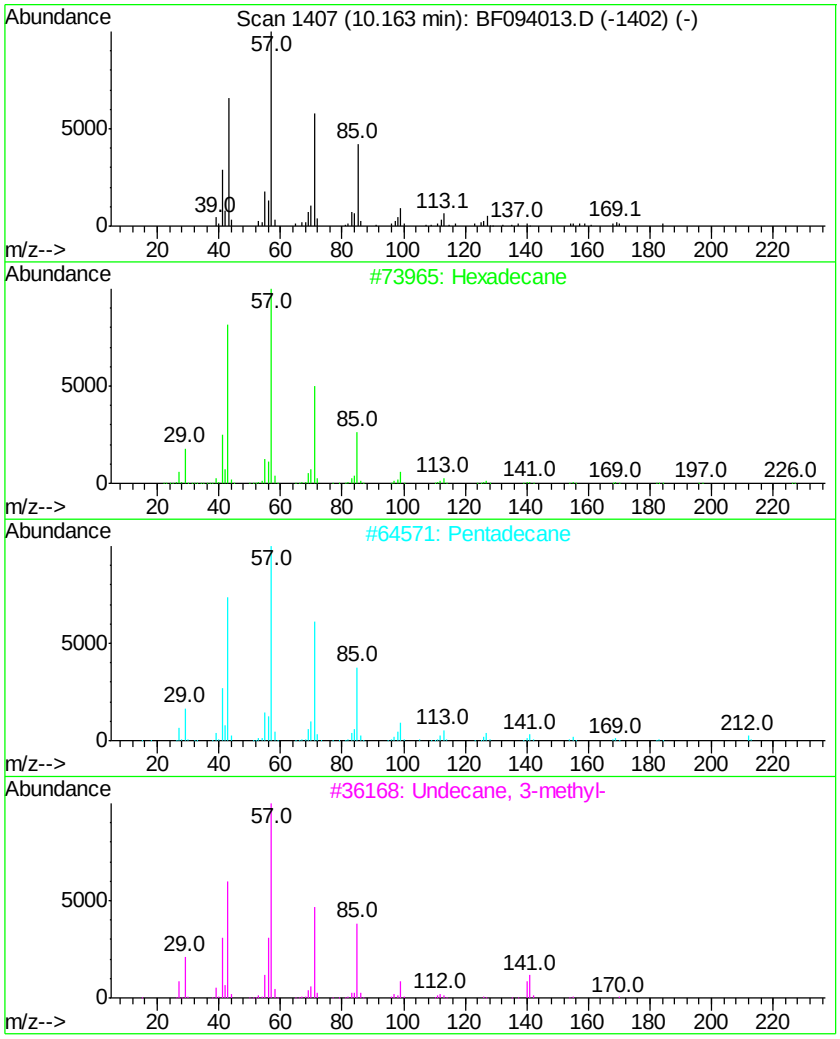
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

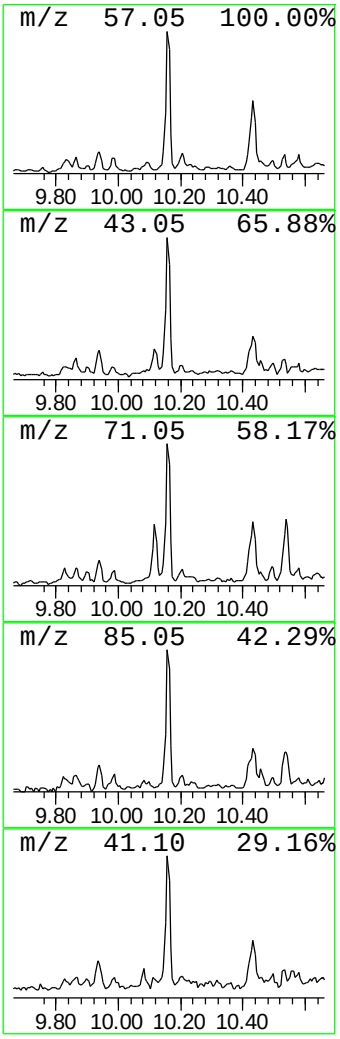
****

Peak Number 4 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	2.45 ng	173032	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	86
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

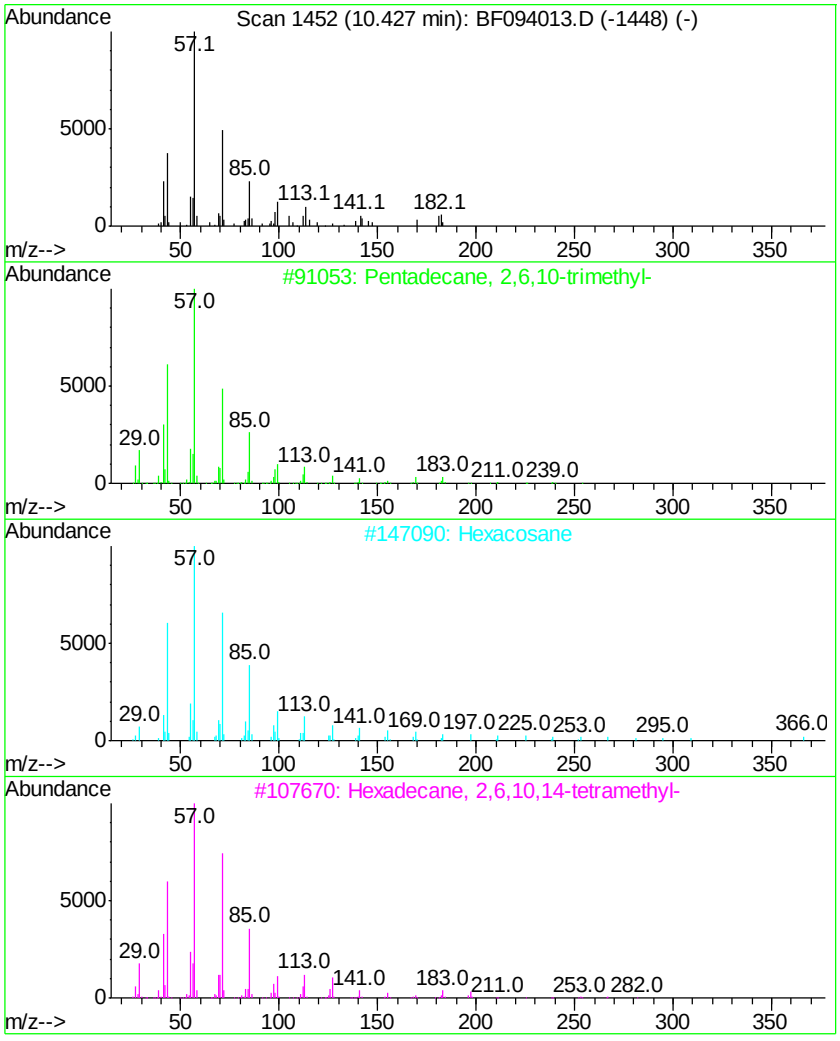
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

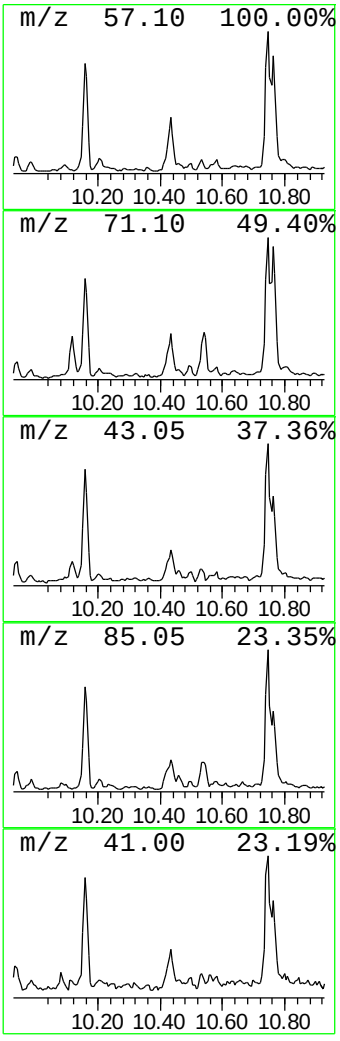
****

Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.16 ng	152420	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Hexacosane	366	C26H54	000630-01-3	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

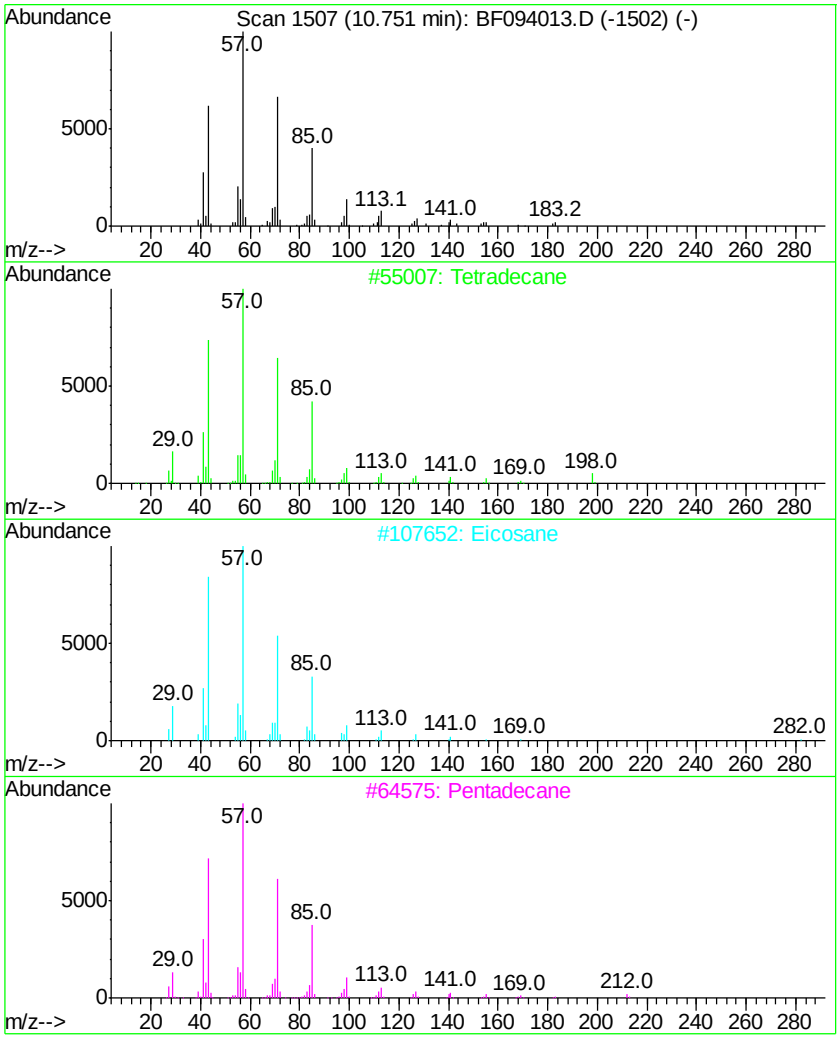
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

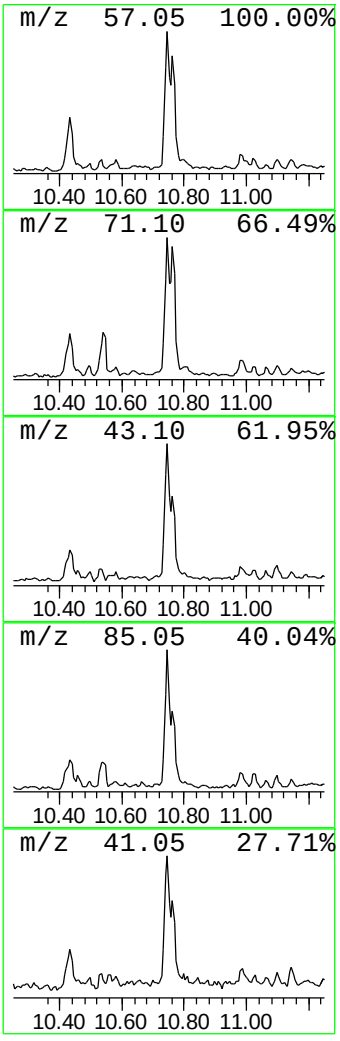
****

Peak Number 6 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.88 ng	265292	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Heptacosane	380	C27H56	000593-49-7	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

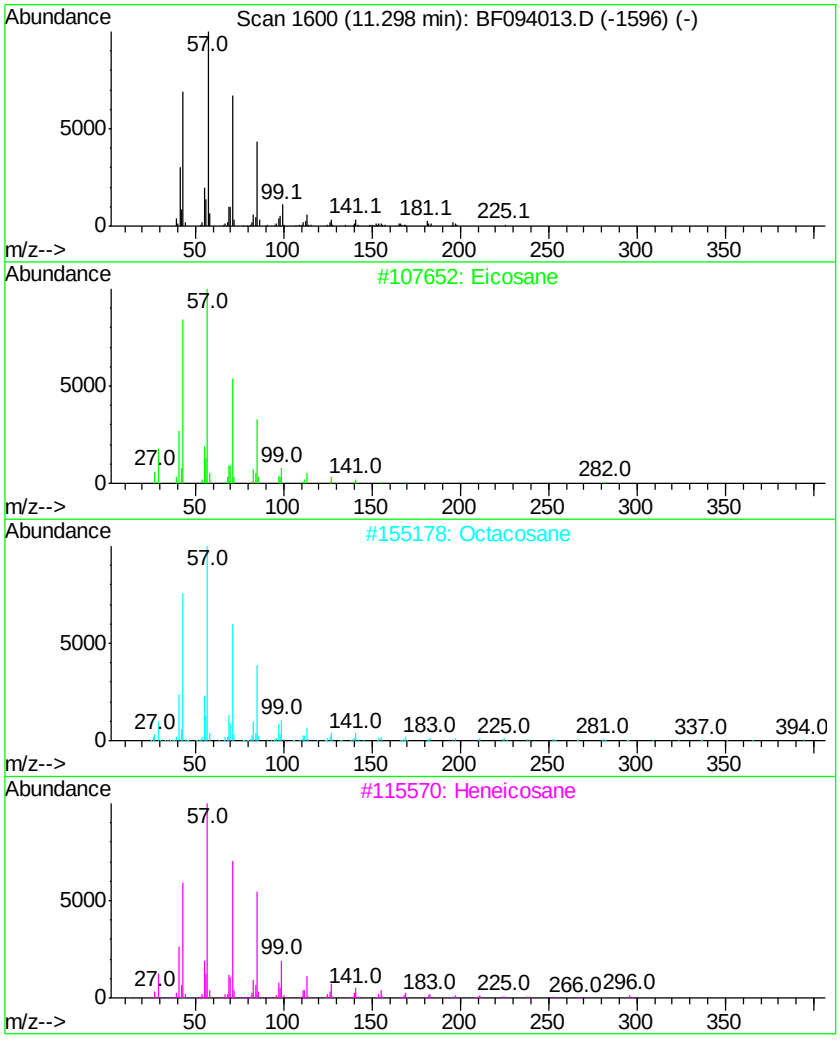
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

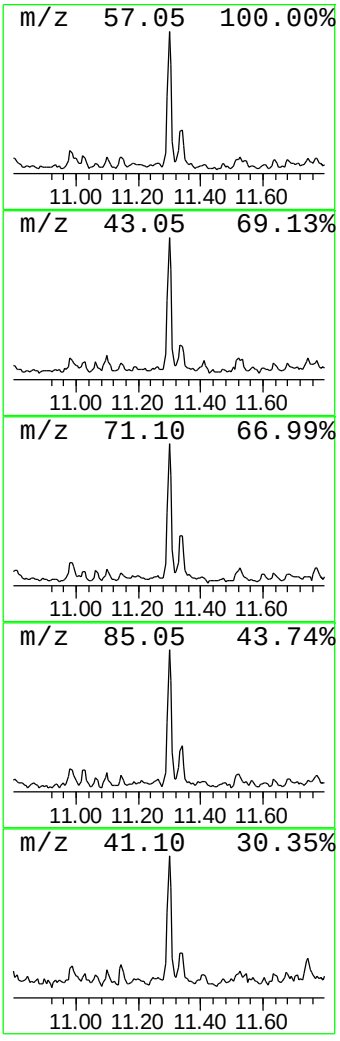
****

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.85 ng	194939	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

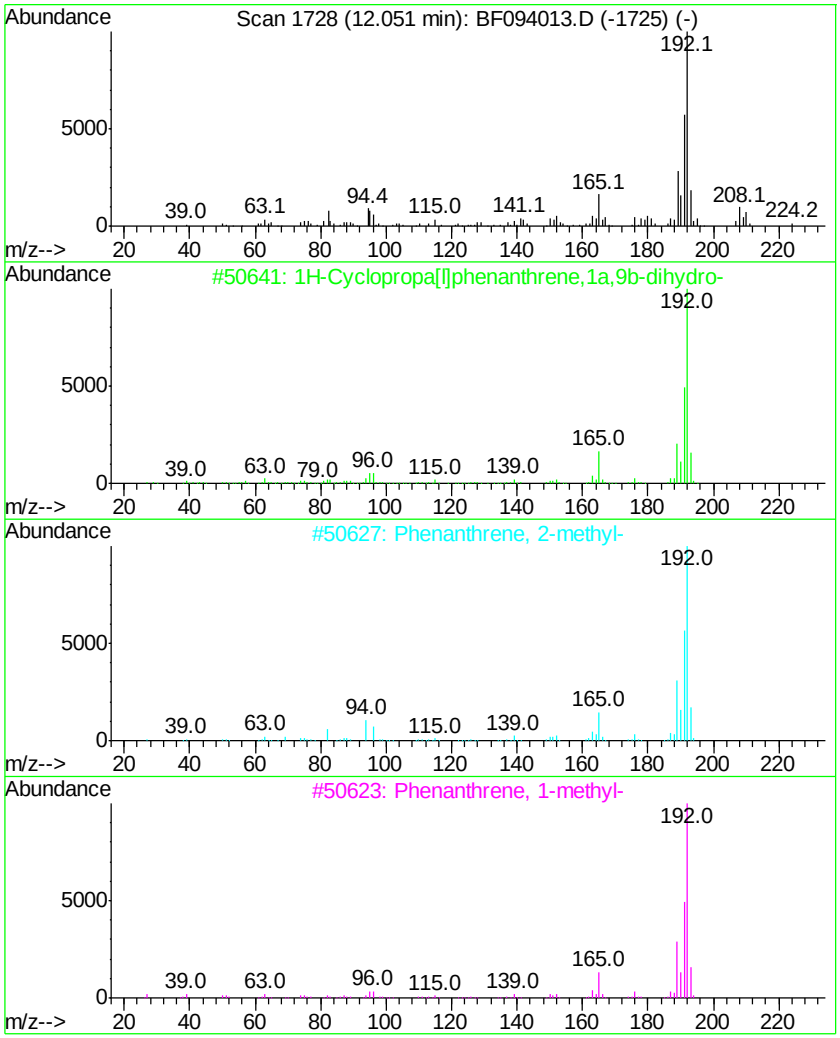
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

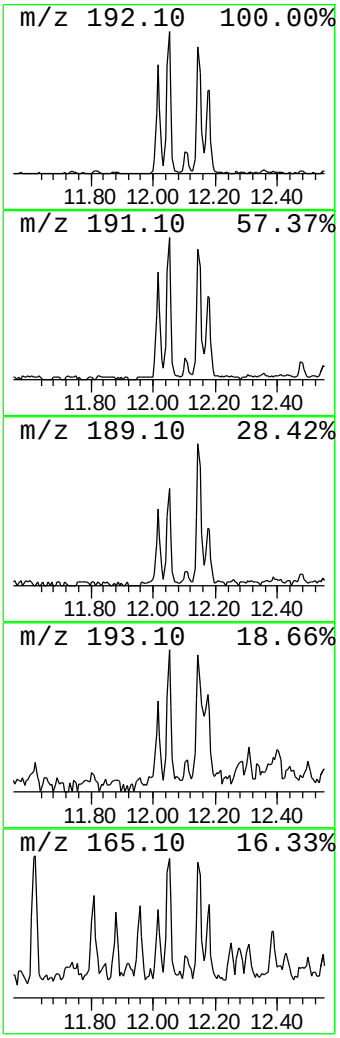
****

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.38 ng	163214	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

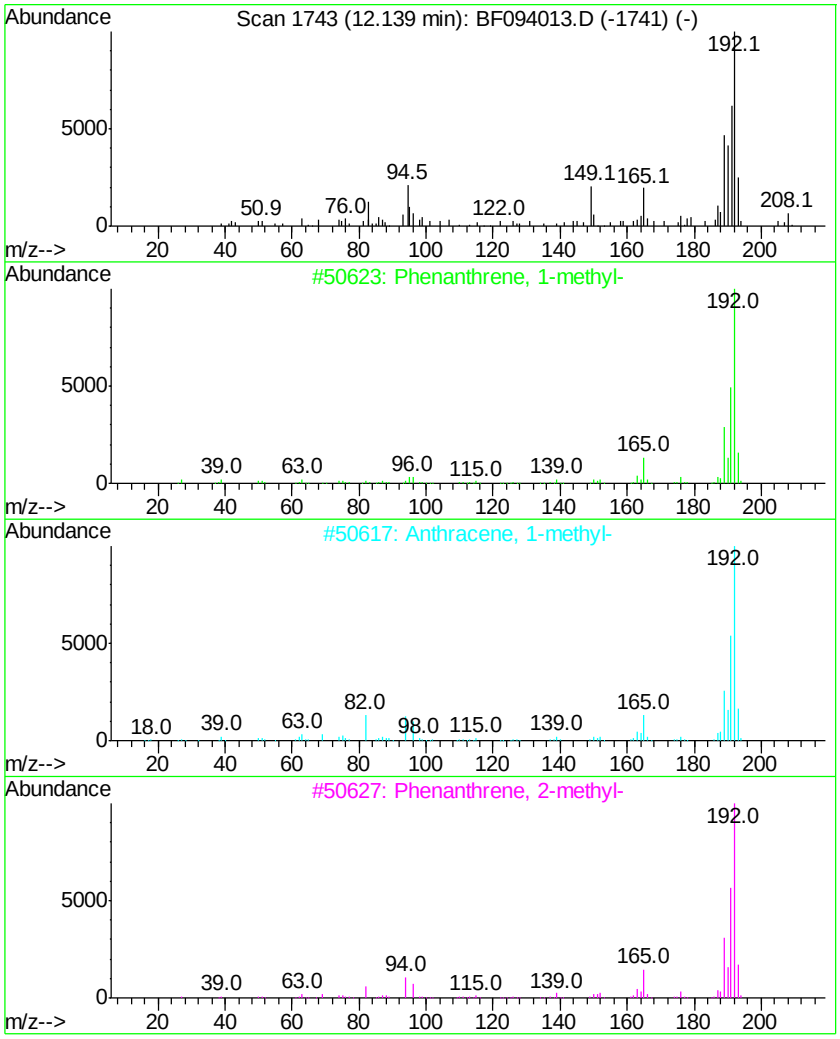
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

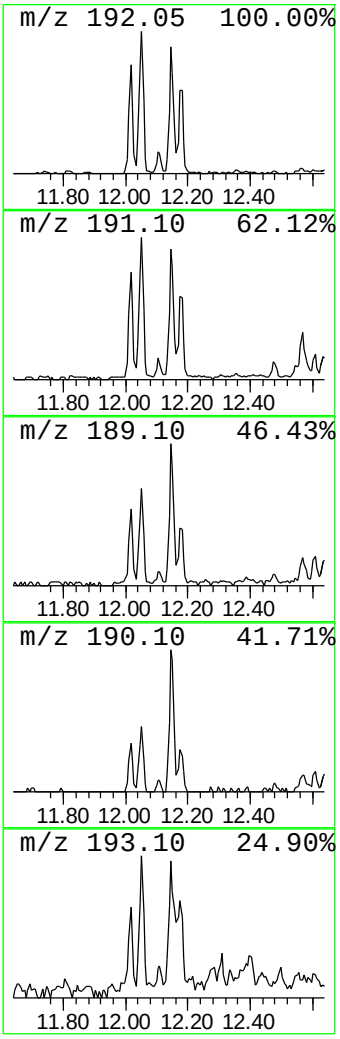
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.13 ng	145828	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

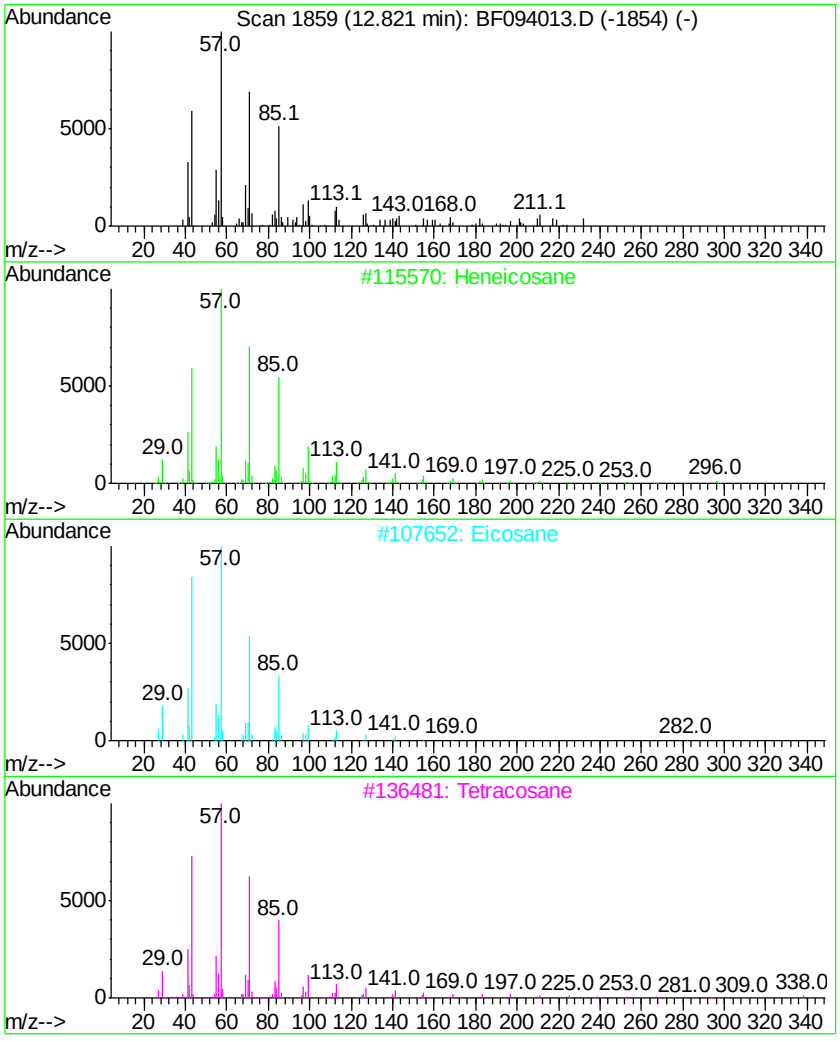
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

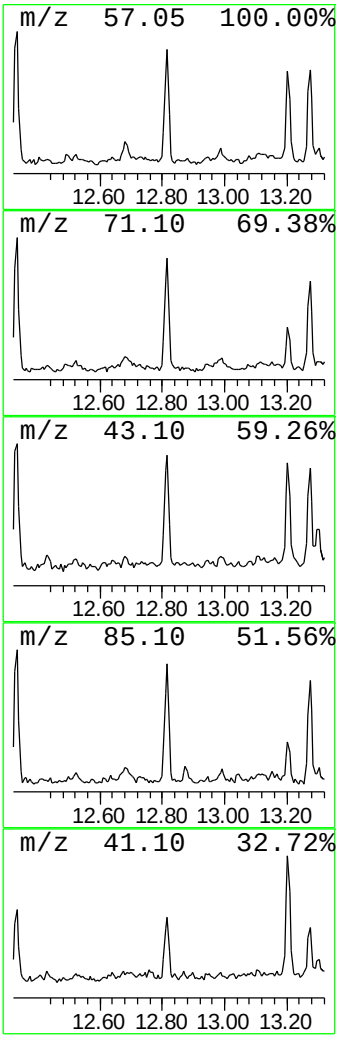
****

Peak Number 11 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	2.33 ng	159365	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Docosane	310	C22H46	000629-97-0	86
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

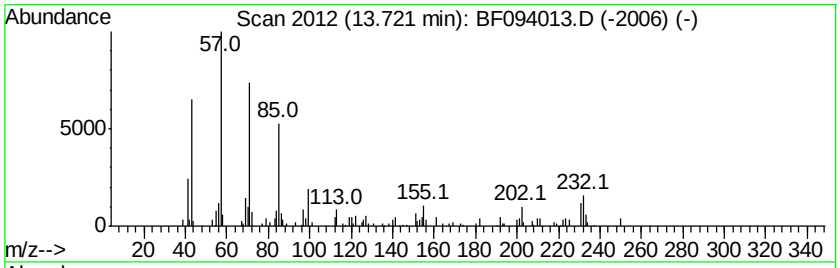
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

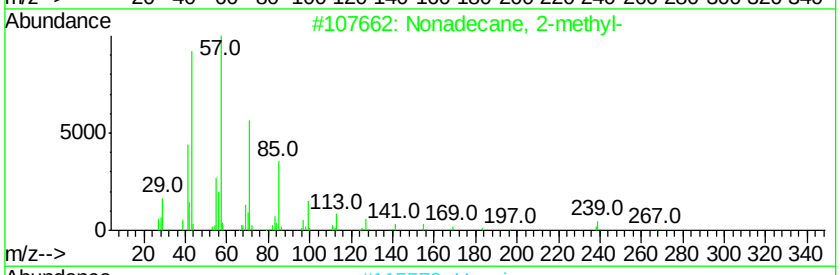
****

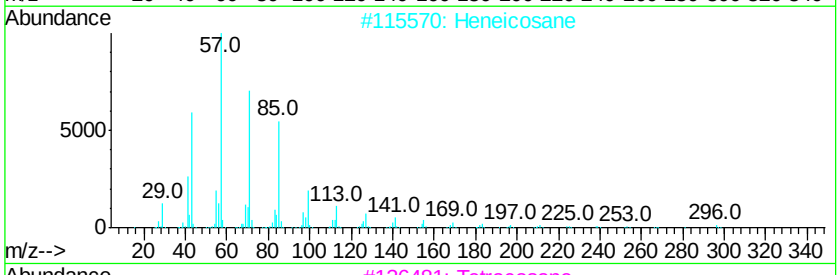
Peak Number 12 Nonadecane, 2-methyl- Concentration Rank 11

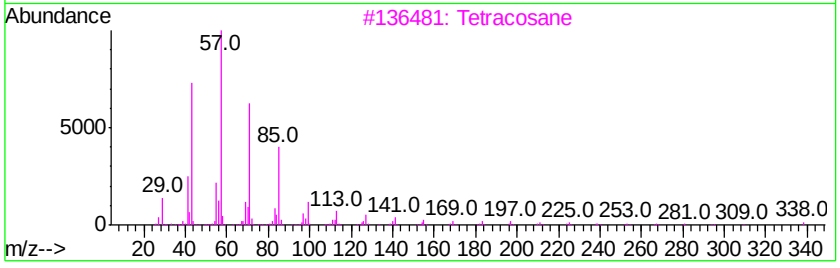
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.45 ng	139392	Chrysene-d12	14.64

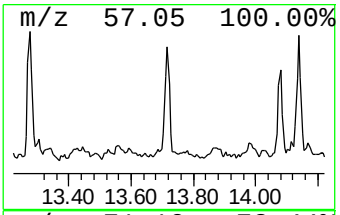
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
2	Heneicosane	296	C21H44	000629-94-7	74
3	Tetracosane	338	C24H50	000646-31-1	72
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
5	Hexadecane	226	C16H34	000544-76-3	72

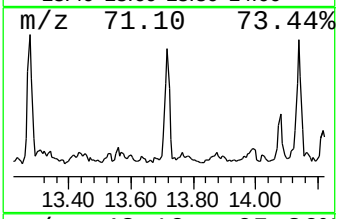


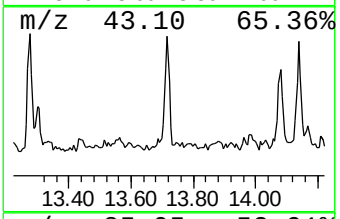


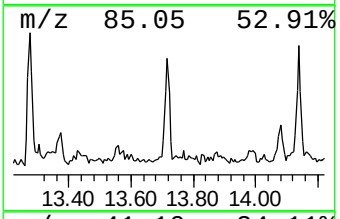


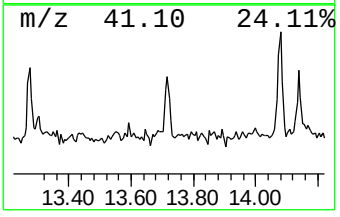












Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

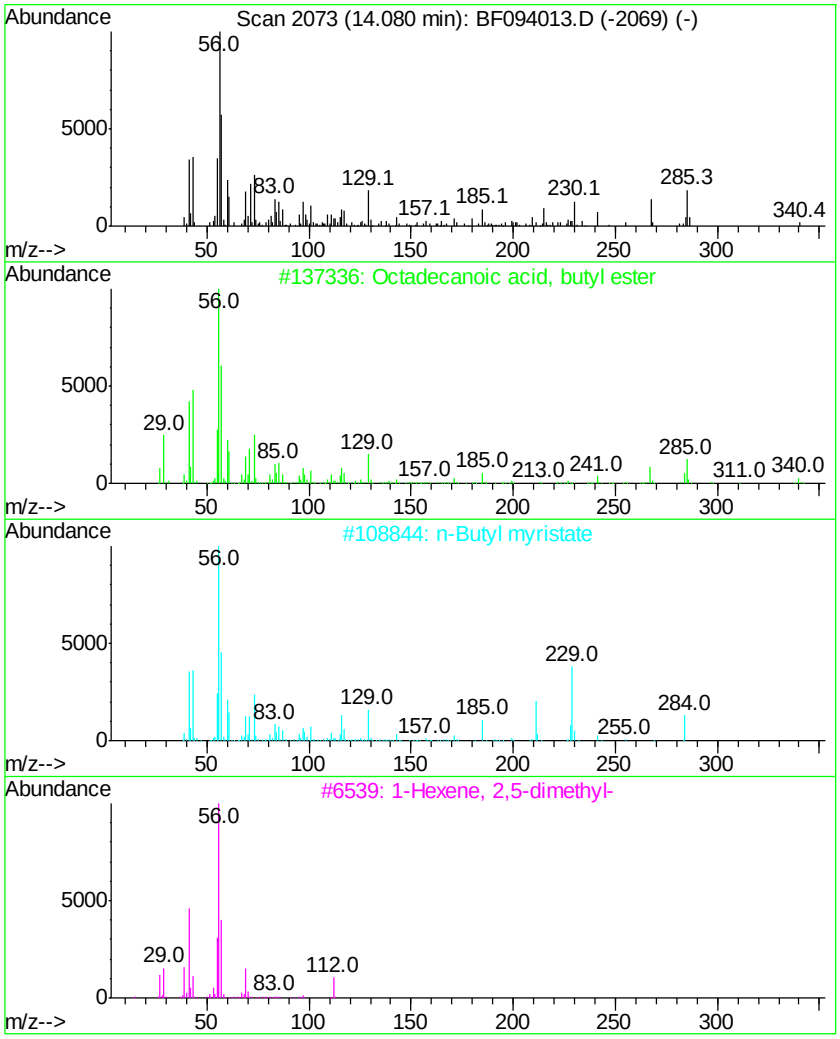
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

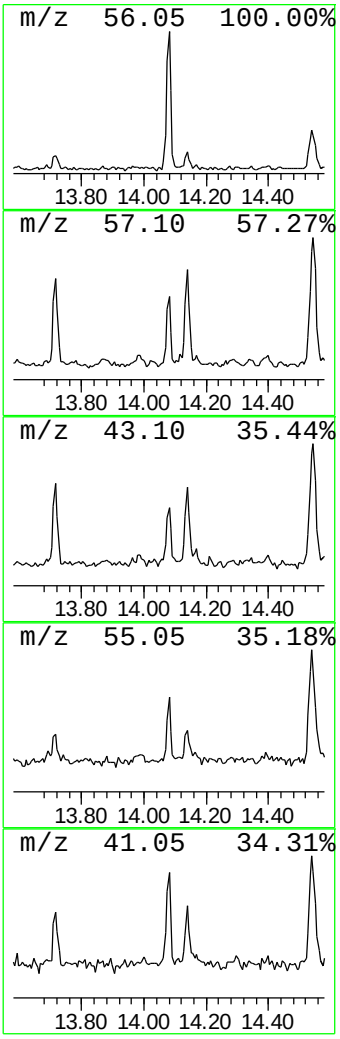
****

Peak Number 13 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	3.10 ng	176067	Chrysene-d12	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	n-Butyl myristate	284	C18H36O2	000110-36-1	72
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35
4	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	35
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

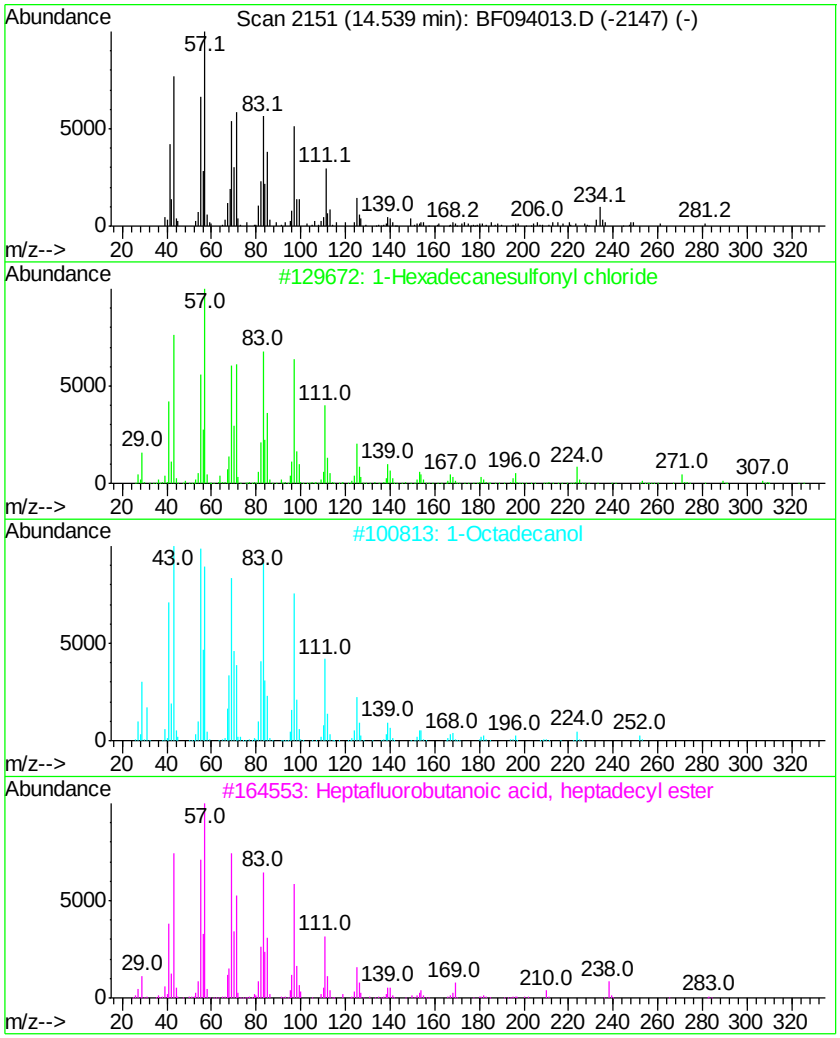
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

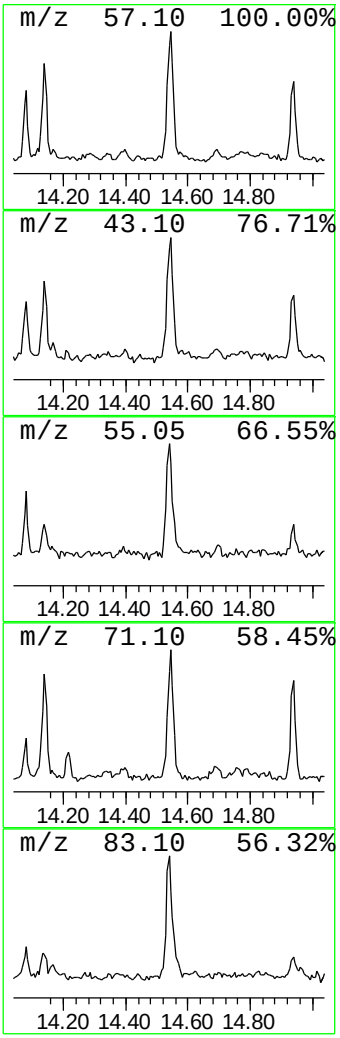
****

Peak Number 14 1-Hexadecanesulfonyl chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.78 ng	328585	Chrysene-d12	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
2	1-Octadecanol	270	C18H38O	000112-92-5	70
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	68
4	17-Pentatriacontene	491	C35H70	006971-40-0	68
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

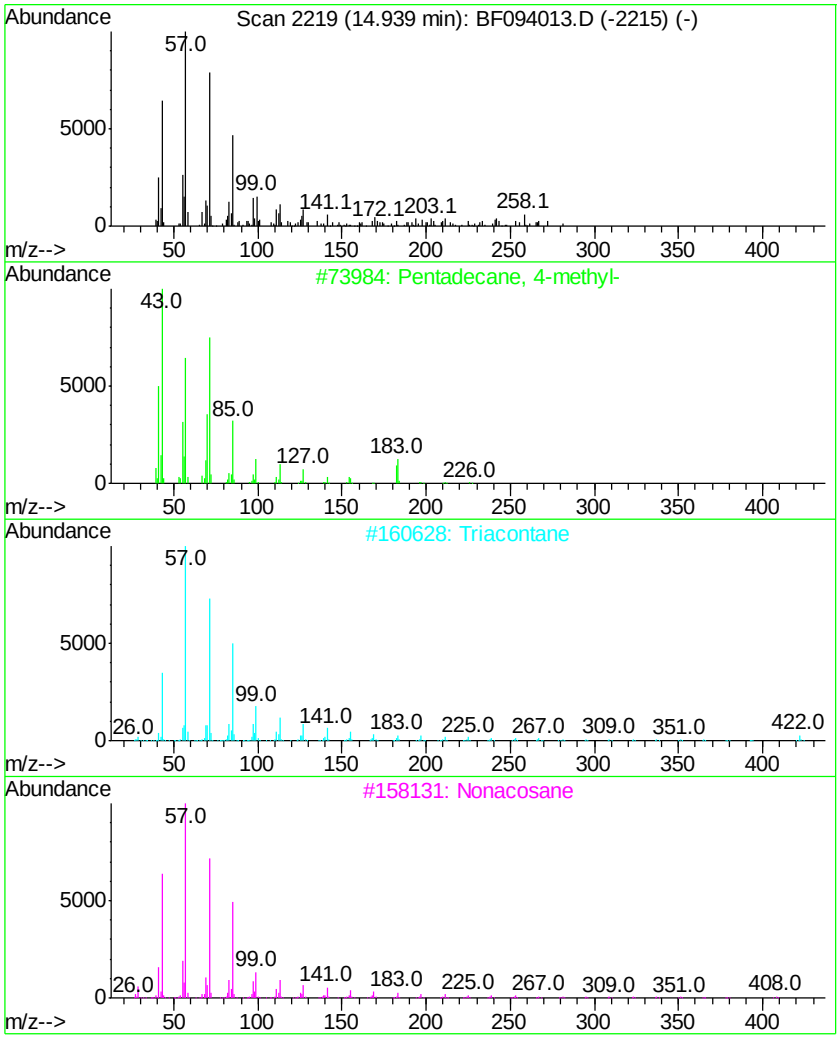
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

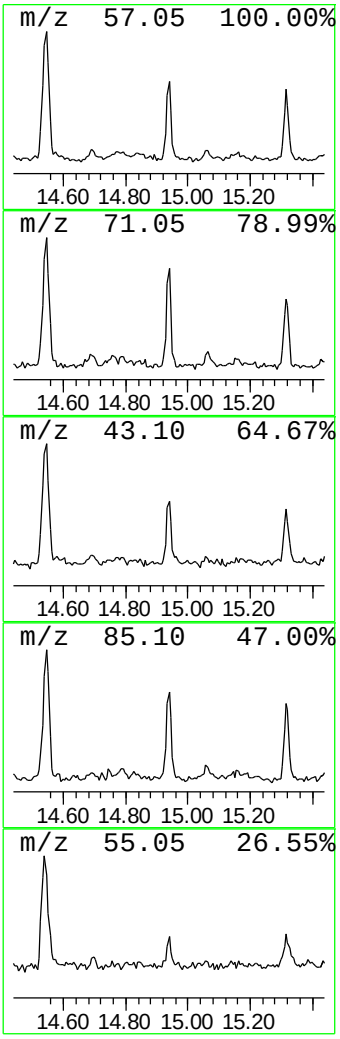
****

Peak Number 15 Pentadecane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.55 ng	144907	Chrysene-d12	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	93
2	Triacontane	422	C30H62	000638-68-6	90
3	Nonacosane	408	C29H60	000630-03-5	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

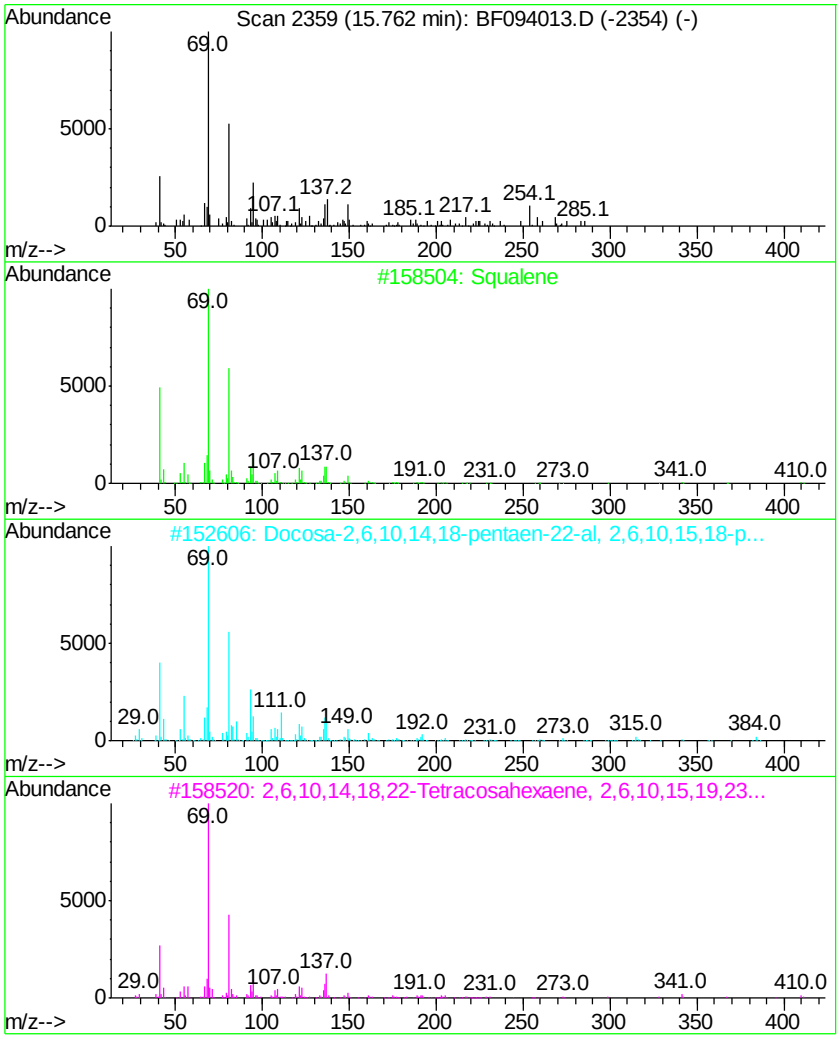
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

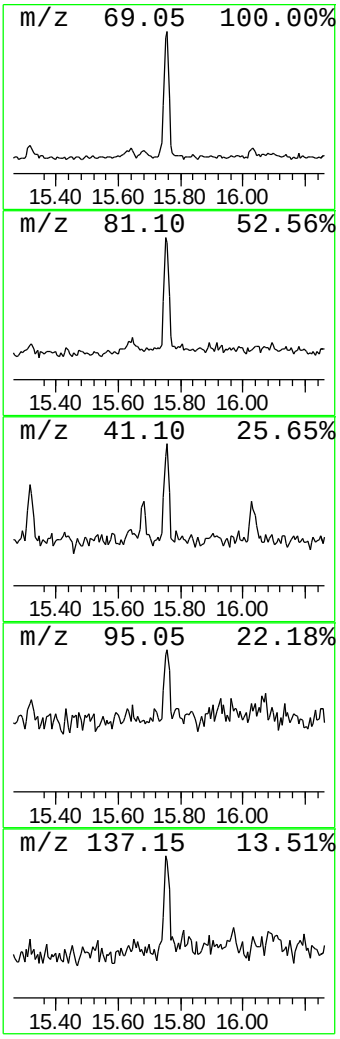
****

Peak Number 16 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.56 ng	106724	Perylene-d12	16.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	87
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

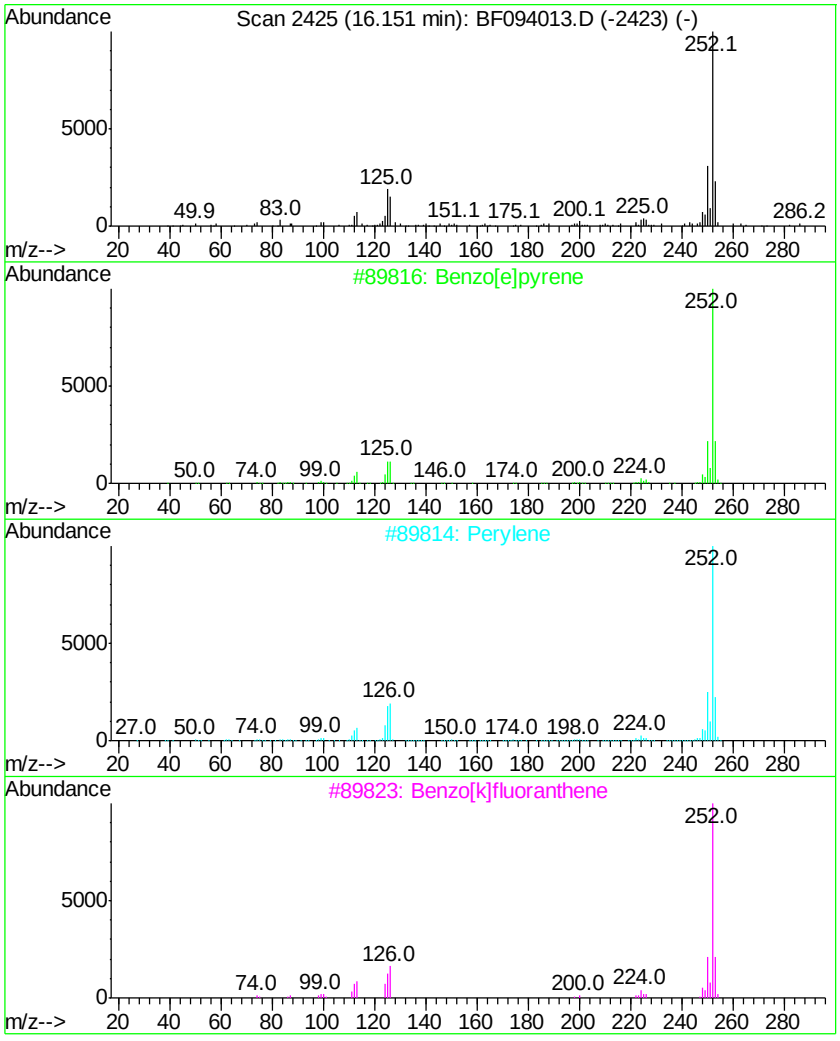
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

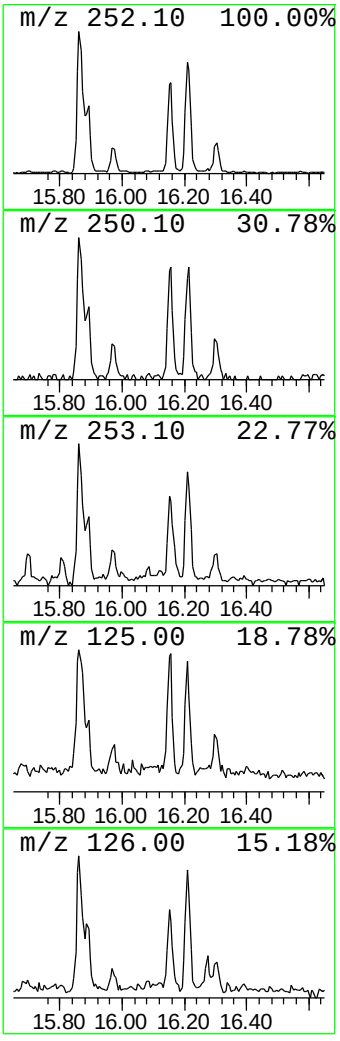
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.05 ng	85619	Perylene-d12	16.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

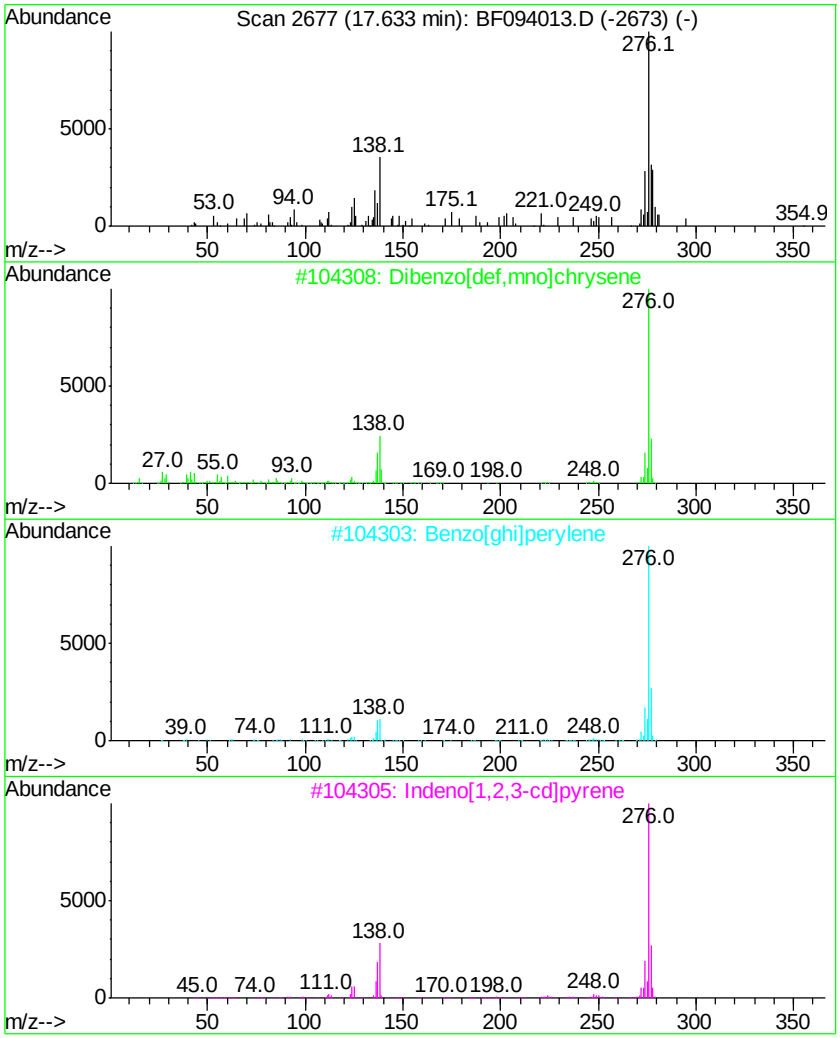
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

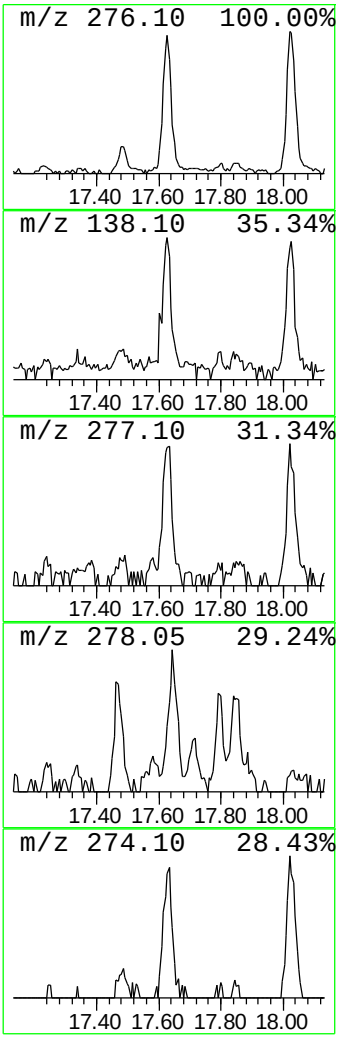
****

Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.39 ng	99623	Perylene-d12	16.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	81
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	81
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	81
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	68
5	2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032817\
Data File : BF094013.D
Acq On : 29 Mar 2017 00:44
Operator : SJ/MA
Sample : I2414-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S13-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.07	9.6	ng	451122	1	5.93	943898	20.0
unknown5.67	5.67	75.2	ng	3547610	1	5.93	943898	20.0
Hexadecane	10.16	2.5	ng	173032	3	9.57	1414000	20.0
Pentadecane, 2,6,...	10.43	2.2	ng	152420	3	9.57	1414000	20.0
Tetradecane	10.75	3.9	ng	265292	4	11.39	1369030	20.0
Eicosane	11.30	2.9	ng	194939	4	11.39	1369030	20.0
1H-Cyclopropa[l]p...	12.05	2.4	ng	163214	4	11.39	1369030	20.0
Phenanthrene, 1-m...	12.14	2.1	ng	145828	4	11.39	1369030	20.0
Heneicosane	12.82	2.3	ng	159365	4	11.39	1369030	20.0
Nonadecane, 2-met...	13.72	2.5	ng	139392	5	14.64	1136810	20.0
Octadecanoic acid...	14.08	3.1	ng	176067	5	14.64	1136810	20.0
1-Hexadecanesulfo...	14.54	5.8	ng	328585	5	14.64	1136810	20.0
Pentadecane, 4-me...	14.94	2.5	ng	144907	5	14.64	1136810	20.0
Squalene	15.76	2.6	ng	106724	6	16.27	834242	20.0
Benzo[e]pyrene	16.15	2.0	ng	85619	6	16.27	834242	20.0
Dibenzo[def,mno]c...	17.63	2.4	ng	99623	6	16.27	834242	20.0