LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103274.D
Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

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-BF022218.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	2.134	3	8	14	rVB	228485	287880	9.41%	0.807%
2	2.240	24	26	46	rBV	526514	880200	28.79%	2.469%
3	5.093	507	511	525	rVB	610248	746033	24.40%	2.092%
4	5.498	576	580	599	rBV	2447121	2504049	81.89%	7.023%
5	5.710	613	616	622	rVB	57963	57308	1.87%	0.161%
6	6.510	747	752	768	rBV	2776741	3057737	100.00%	8.576%
7	6.645	771	775	779	rVV	2979817	2819736	92.22%	7.909%
8	6.698	781	784	790	rVB	60838	57039	1.87%	0.160%
9	6.875	810	814	819	rBV	1019284	877719	28.70%	2.462%
10	6.928	819	823	826	rVV	72624	57633	1.88%	0.162%
11	7.028	836	840	844	rBV	2486269	2387290	78.07%	6.696%
12	7.439	906	910	913	rBV	2079065	2034153	66.52%	5.705%
13	7.751	959	963	974	rBV	360355	659490	21.57%	1.850%
14	7.892	985	987	993	rVB4	35828	36714	1.20%	0.103%
15	8.128	1024	1027	1029	rBV	102508	84093	2.75%	0.236%
16	8.157	1029	1032	1035	rVV	1366190	1156813	37.83%	3.245%
17	8.204	1038	1040	1043	rVB2	52355	40412	1.32%	0.113%
18	8.439	1077	1080	1084	rVB3	33289	39323	1.29%	0.110%
19	8.563	1098	1101	1104	rVB	55012	41136	1.35%	0.115%
20	8.657	1113	1117	1120	rBV2	45833	43339	1.42%	0.122%
21	8.733	1128	1130	1135	rBV	163659	131596	4.30%	0.369%
22	8.869	1151	1153	1156	rVB	85114	69184	2.26%	0.194%
23	8.969	1167	1170	1173	rBV2	87559	80247	2.62%	0.225%
24	9.098	1189	1192	1196	rBV3	49975	50515	1.65%	0.142%
25	9.163	1201	1203	1206	rVB	61703	46518	1.52%	0.130%
26	9.228	1210	1214	1218	rBV	2785021	2752714	90.02%	7.721%
27	9.298	1223	1226	1230	rVV	264417	244385	7.99%	0.685%
28	9.333	1230	1232	1237	rVV2	40163	61069	2.00%	0.171%
29	9.380	1237	1240	1243	rVB2	36070	35155	1.15%	0.099%
30	9.492	1256	1259	1264	rBV4	40822	62069	2.03%	0.174%
31	9.575	1264	1273	1275	rBV4	72155	142023	4.64%	0.398%
32	9.622	1275	1281	1284	rBV	306444	289655	9.47%	0.812%
33	9.680	1289	1291	1294	rBV2	53914	57824	1.89%	0.162%
34	9.775	1303	1307	1310	rBV	71246	68507	2.24%	0.192%

LSC Area Percent Report

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Data File : BF103274.D
Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.827	1313	1316	1320	rVV	341166	309308	10.12%	0.868%
36	9.916	1327	1331	1334	rBV	1120414	992600	32.46%	2.784%
37	9.945	1334	1336	1339	rVB	104445	86859	2.84%	0.244%
38	10.010	1344	1347	1352	rVB4	29959	44156	1.44%	0.124%
39	10.063	1352	1356	1359	rBV2	50428	81179	2.65%	0.228%
40	10.122	1363	1366	1368	rVB2	87921	84334	2.76%	0.237%
41	10.151	1368	1371	1375	rBV2	91484	88531	2.90%	0.248%
42	10.186	1375	1377	1381	rVB	46977	41743	1.37%	0.117%
43	10.239	1381	1386	1388	rBV2	95744	124051	4.06%	0.348%
44	10.327	1395	1401	1404	rBV	392574	392936	12.85%	1.102%
45	10.357	1404	1406	1409	rVV	211834	189818	6.21%	0.532%
46	10.463	1421	1424	1431	rVB	125123	133093	4.35%	0.373%
47	10.551	1434	1439	1441	rVV	136503	163188	5.34%	0.458%
48	10.604	1445	1448	1450	rBV	46545	44041	1.44%	0.124%
49	10.633	1451	1453	1457	rVB2	40430	41805	1.37%	0.117%
50	10.669	1457	1459	1462	rBV3	53340	45241	1.48%	0.127%
51	10.704	1462	1465	1474	rBV	804518	859445	28.11%	2.411%
52	10.804	1479	1482	1492	rVB	410209	466745	15.26%	1.309%
53	10.998	1512	1515	1519	rBV3	62419	81188	2.66%	0.228%
54	11.092	1528	1531	1534	rVB2	37658	31671	1.04%	0.089%
55	11.127	1534	1537	1539	rBV3	29368	33932	1.11%	0.095%
56	11.204	1547	1550	1555	rBV3	48301	60012	1.96%	0.168%
57	11.251	1555	1558	1561	rVV	284923	235270	7.69%	0.660%
58	11.280	1561	1563	1565	rVV	116702	107312	3.51%	0.301%
59	11.304	1565	1567	1570	rVB	57963	53494	1.75%	0.150%
60	11.404	1580	1584	1586	rBV	950556	852787	27.89%	2.392%
61	11.427	1586	1588	1593	rVV	473028	454919	14.88%	1.276%
62	11.480	1594	1597	1602	rVV	114557	134970	4.41%	0.379%
63	11.522	1602	1604	1608	rVV	66116	64484	2.11%	0.181%
64	11.639	1620	1624	1628	rVV2	55702	92255	3.02%	0.259%
65	11.680	1628	1631	1636	rVV	217837	189804	6.21%	0.532%
66	11.739	1638	1641	1646	rVB2	38923	43382	1.42%	0.122%
67	11.910	1667	1670	1673	rBV2	85908	111987	3.66%	0.314%
68	11.939	1673	1675	1679	rVB2	100121	86920	2.84%	0.244%
69	11.986	1679	1683	1685	rBV2	28973	32288	1.06%	0.091%
70	12.021	1685	1689	1691	rBV	102995	107491	3.52%	0.301%
71	12.086	1697	1700	1703	rBV	189983	142062	4.65%	0.398%

LSC Area Percent Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

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-BF022218.M
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72	12.198	1717	1719	1722	rBV	54873	53890	1.76%	0.151%
73	12.239	1723	1726	1729	rVV5	42400	47503	1.55%	0.133%
74	12.474	1761	1766	1771	rBV2	158114	228475	7.47%	0.641%
75	12.580	1781	1784	1787	rVB5	39771	47248	1.55%	0.133%
76	12.621	1787	1791	1796	rBV	561547	516083	16.88%	1.448%
77	12.716	1805	1807	1811	rVB2	35960	32451	1.06%	0.091%
78	12.851	1824	1830	1837	rBV2	592747	717511	23.47%	2.012%
79	12.904	1837	1839	1842	rVB4	37494	36246	1.19%	0.102%
80	12.992	1849	1854	1857	rBV	1714729	1739505	56.89%	4.879%
81	13.180	1884	1886	1888	rVB	66570	50730	1.66%	0.142%
82	13.204	1888	1890	1892	rVB	114156	80593	2.64%	0.226%
83	13.245	1895	1897	1900	rVB	67243	50863	1.66%	0.143%
84	13.410	1923	1925	1931	rBV3	47542	77263	2.53%	0.217%
85	13.545	1945	1948	1951	rBV	127326	118849	3.89%	0.333%
86	13.874	2000	2004	2007	rBV2	379299	397764	13.01%	1.116%
87	14.057	2030	2035	2037	rBV2	751306	870159	28.46%	2.441%
88	14.080	2037	2039	2046	rVB	201865	201504	6.59%	0.565%
89	14.192	2056	2058	2062	rBV	125084	136354	4.46%	0.382%
90	14.492	2106	2109	2116	rBV2	343637	524340	17.15%	1.471%
91	14.815	2162	2164	2167	rVB	127259	109517	3.58%	0.307%
92	15.562	2286	2291	2295	rVB2	355215	551343	18.03%	1.546%

Sum of corrected areas: 35653050

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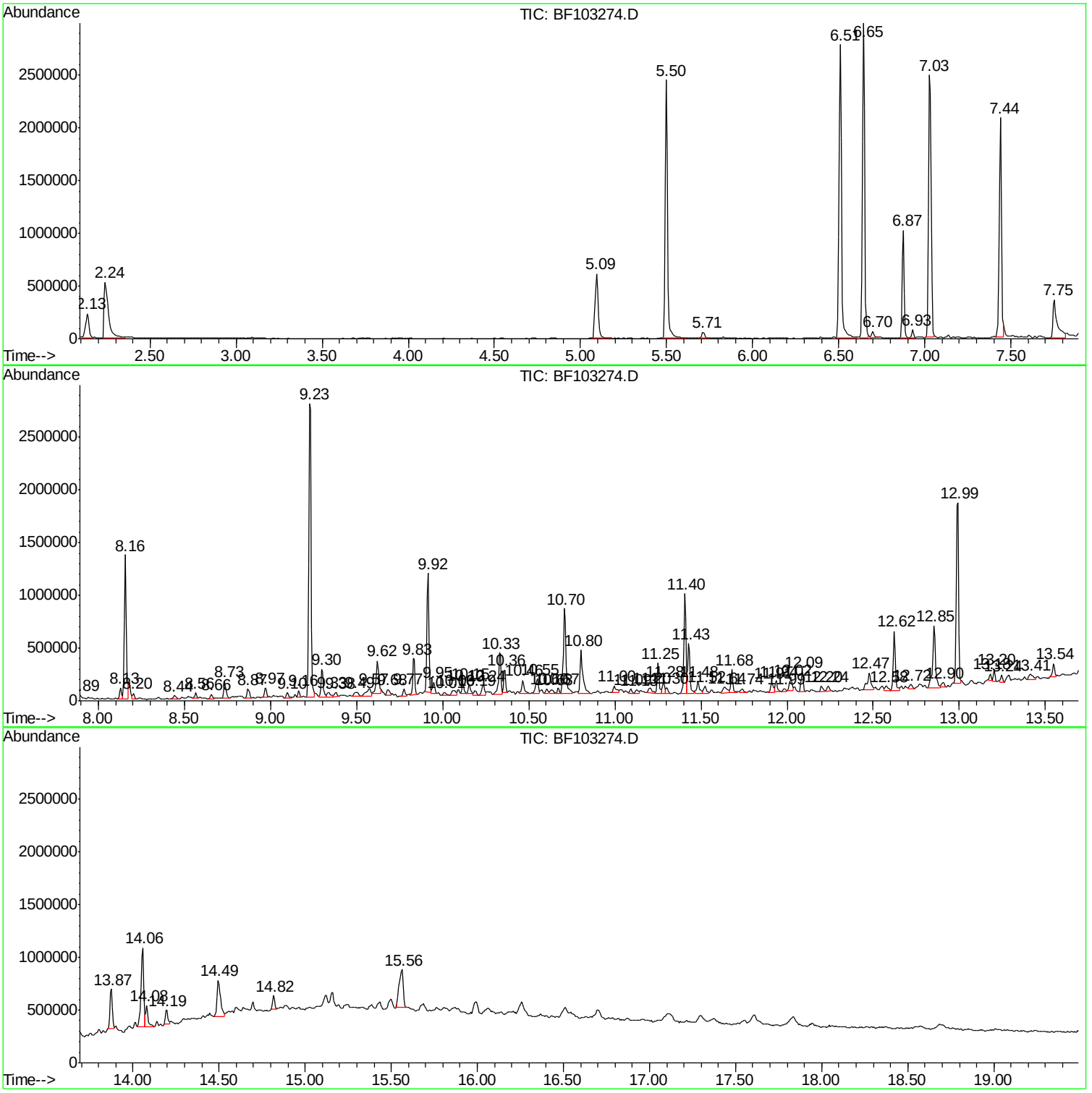
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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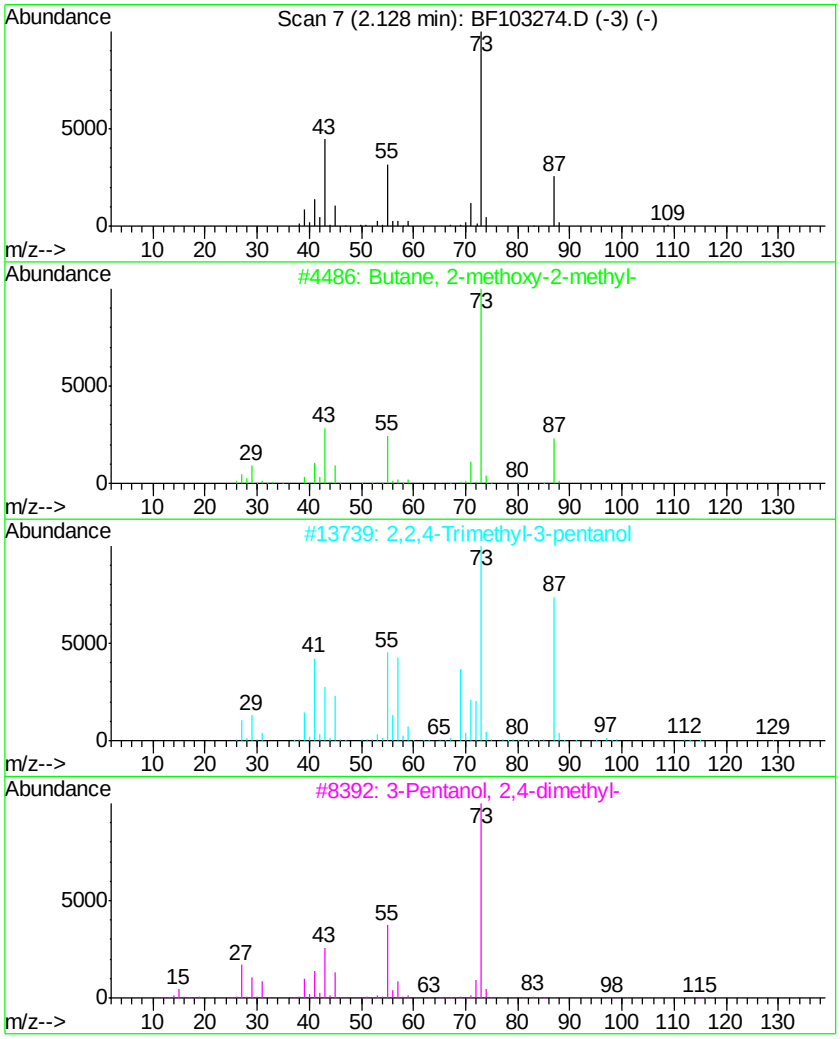
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

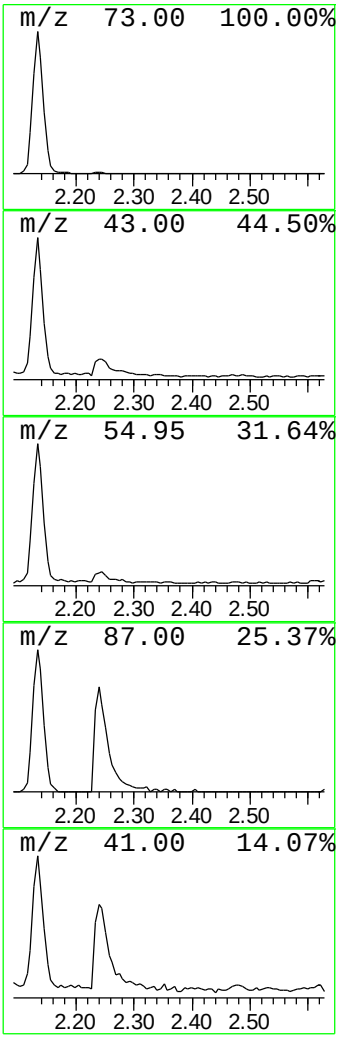
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	6.56 ng	287880	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103274.D
Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

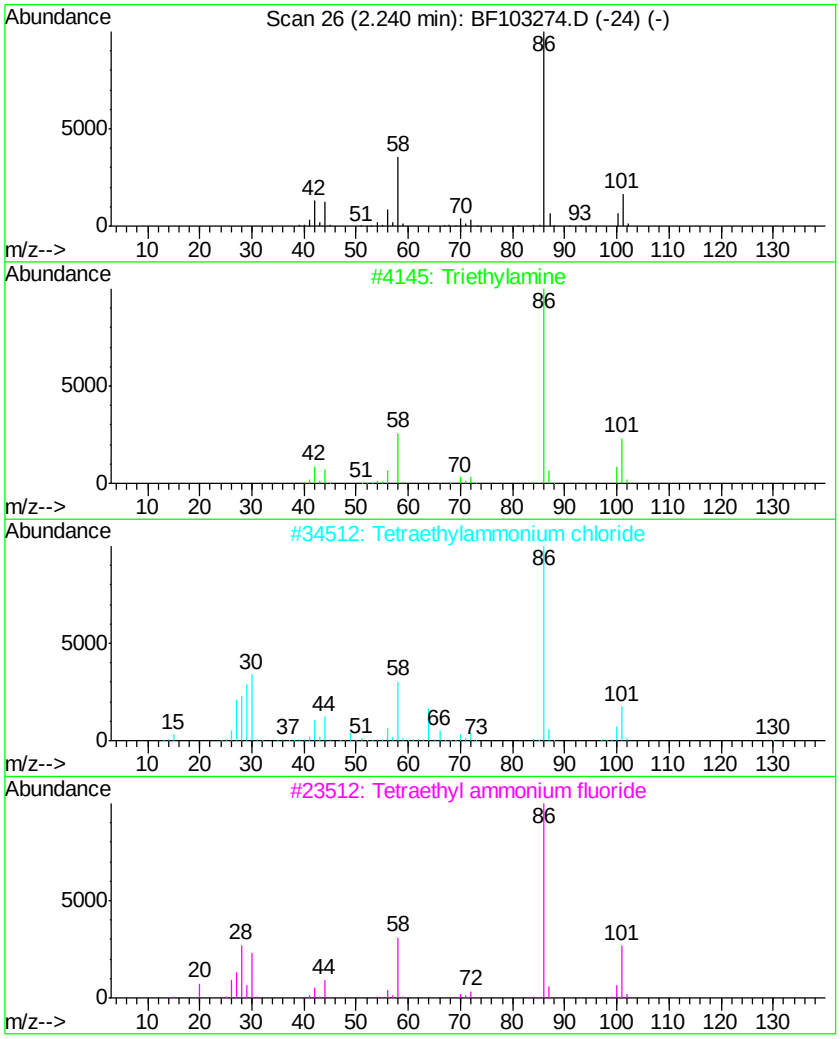
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

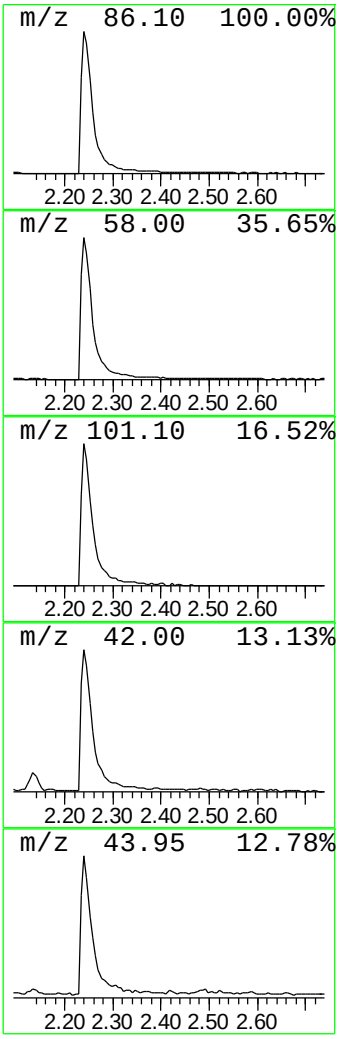
****

Peak Number 2 Triethylamine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	20.06 ng	880200	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylamine	101	C6H15N	000121-44-8	95
2	Tetraethylammonium chloride	165	C8H20ClN	000056-34-8	83
3	Tetraethyl ammonium fluoride	149	C8H20FN	000665-46-3	78
4	1,2-Ethanediamine, N,N-diethyl-	116	C6H16N2	000100-36-7	72
5	O-(n-Butyl) S-[2-(diethylamino)e...	267	C11H26NO2PS	1000273-60-7	64





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Acq On : 27 Feb 2018 20:14
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Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

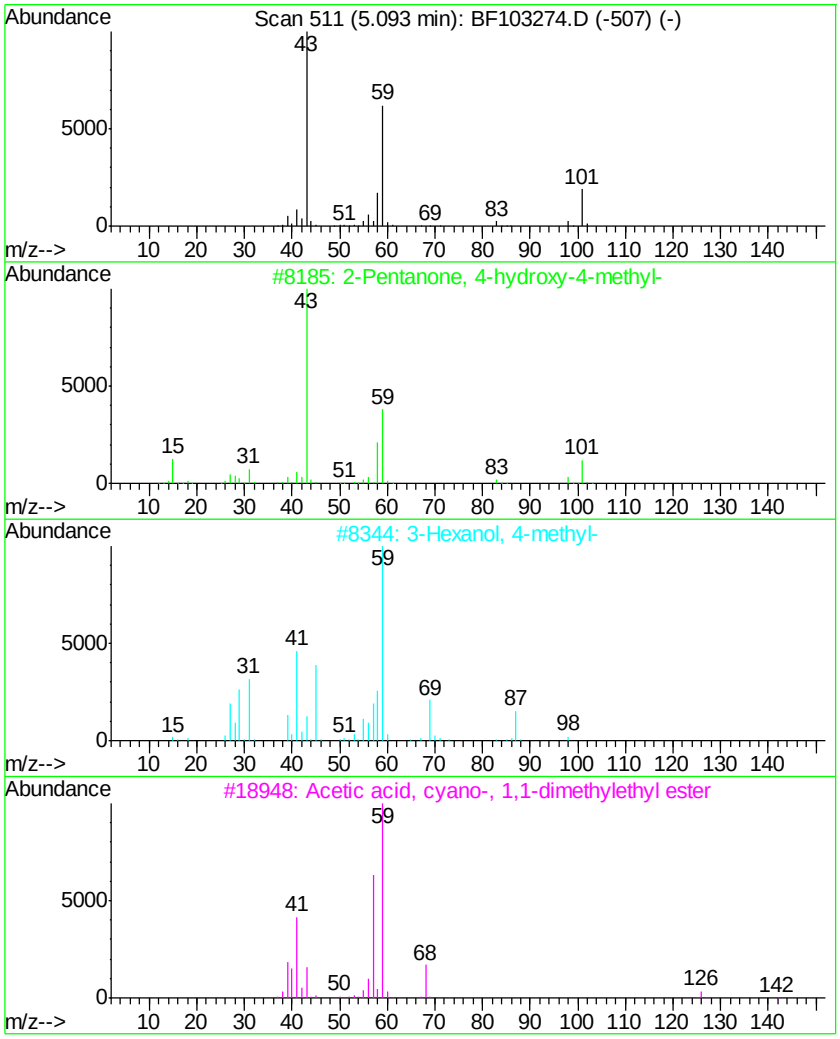
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

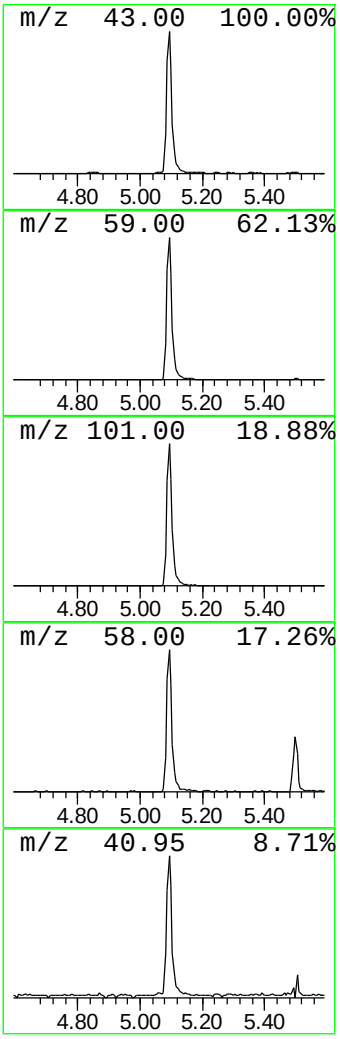
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	17.00 ng	746033	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103274.D
Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

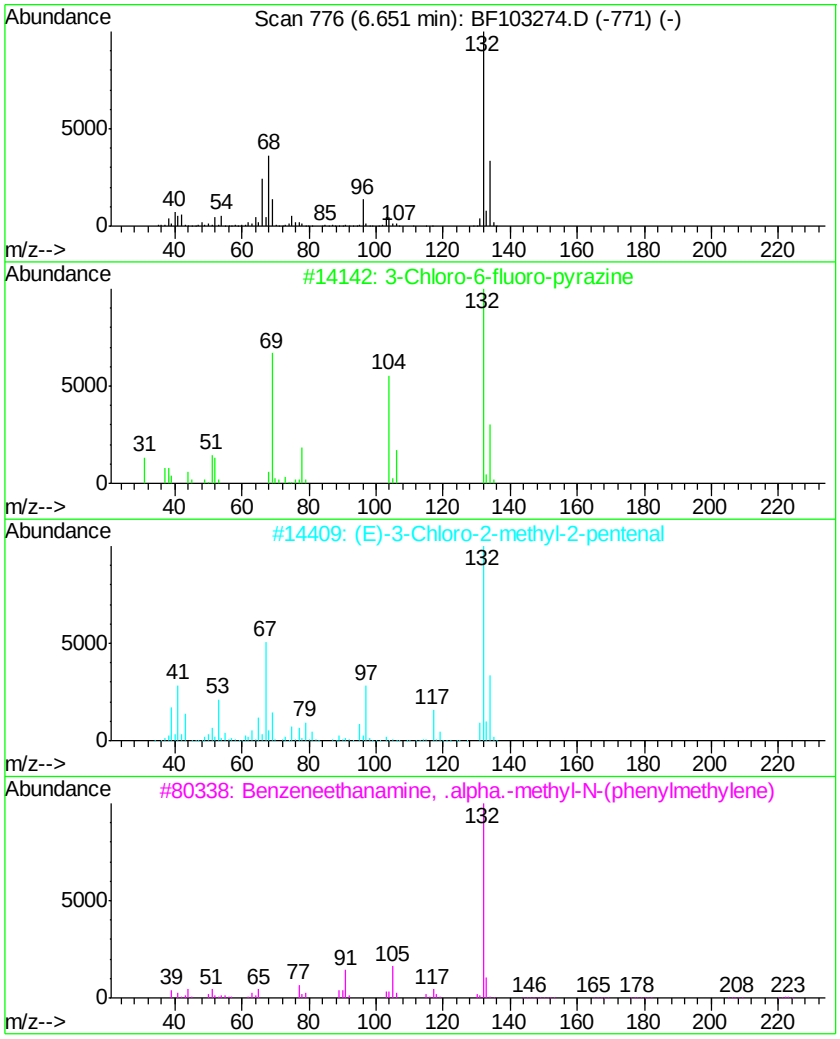
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

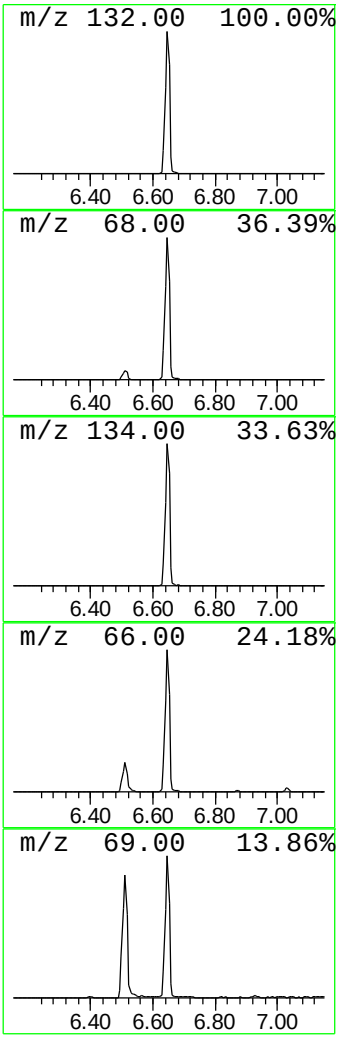
****

Peak Number 4 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	64.25 ng	2819740	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Benzeneethanamine, .alpha.-methy...	223	C16H17N	002980-02-1	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

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Data File : BF103274.D
Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

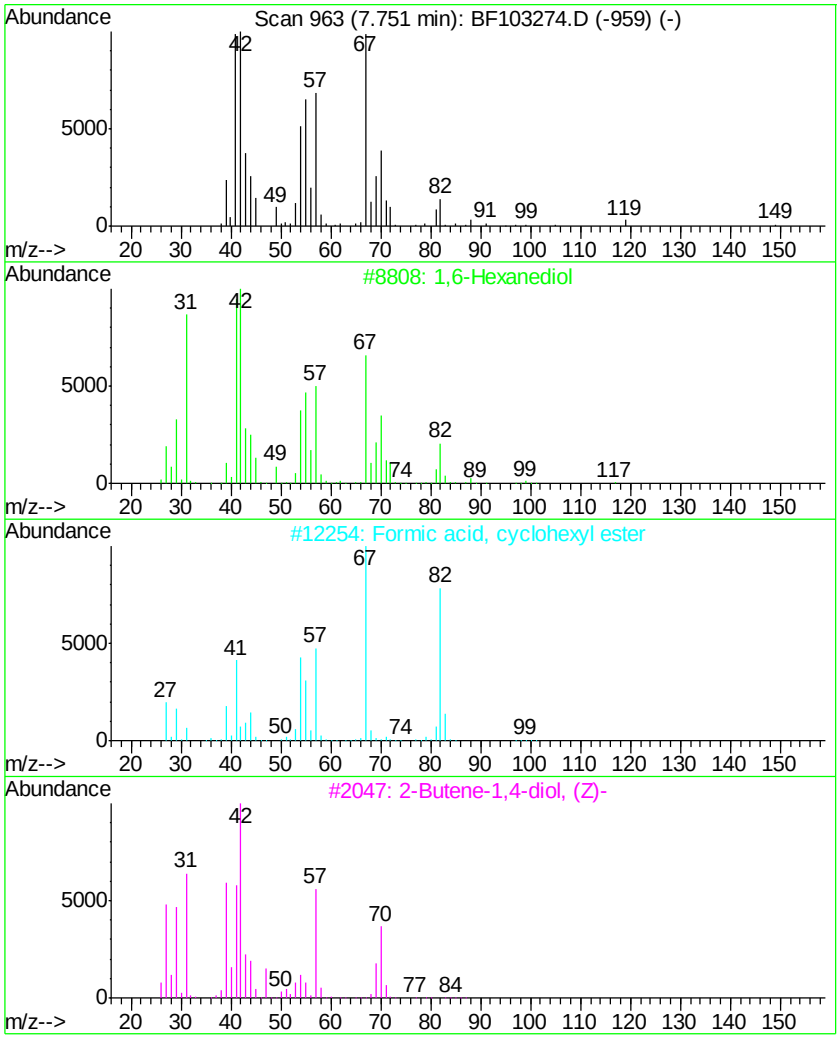
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

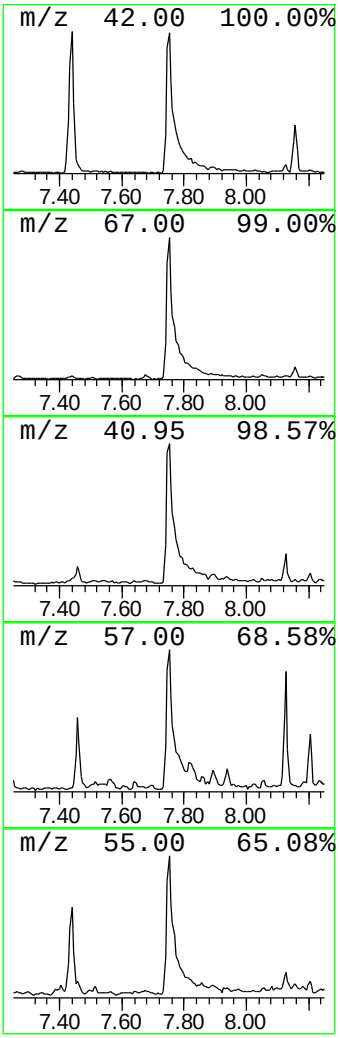
****

Peak Number 6 1,6-Hexanediol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	11.40 ng	659490	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Hexanediol	118	C6H14O2	000629-11-8	90
2	Formic acid, cyclohexyl ester	128	C7H12O2	004351-54-6	38
3	2-Butene-1,4-diol, (Z)-	88	C4H8O2	006117-80-2	32
4	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	32
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103274.D
Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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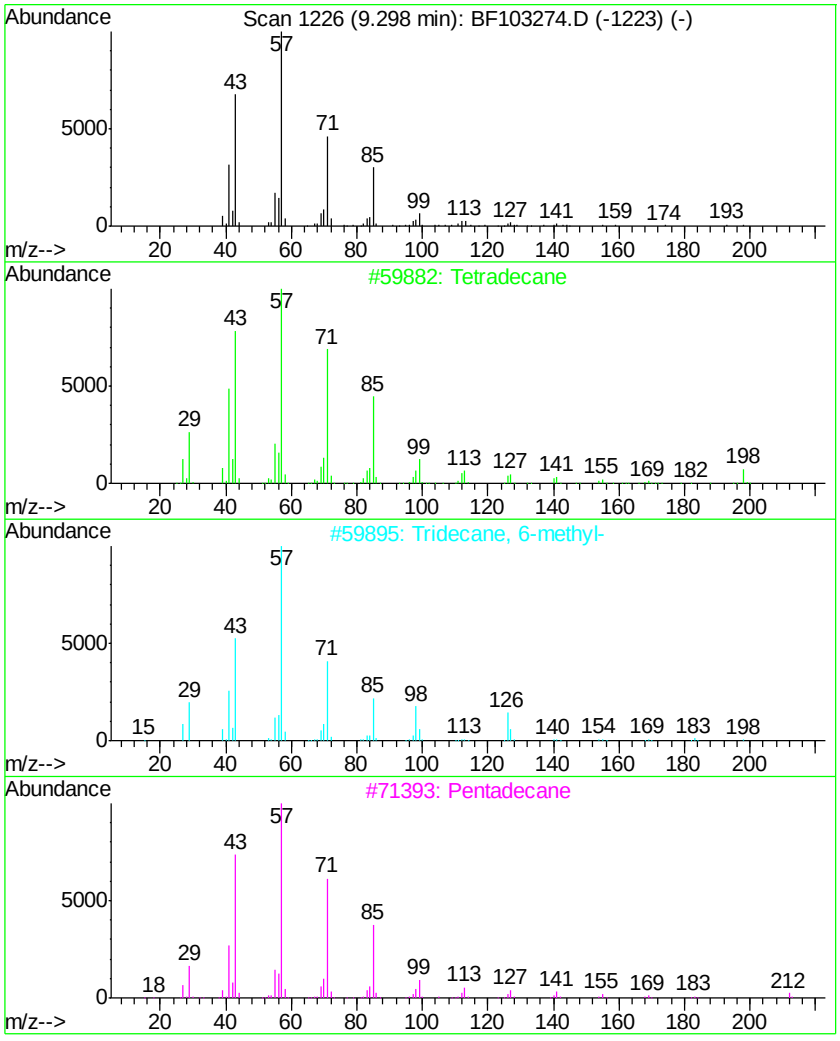
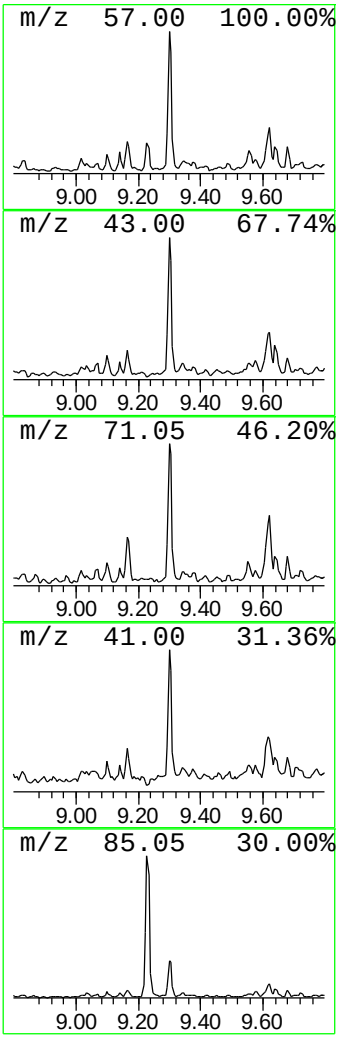
Peak Number 7 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	4.92 ng	244385	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane	184	C13H28	000629-50-5	80





Library Search Compound Report

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Data File : BF103274.D
Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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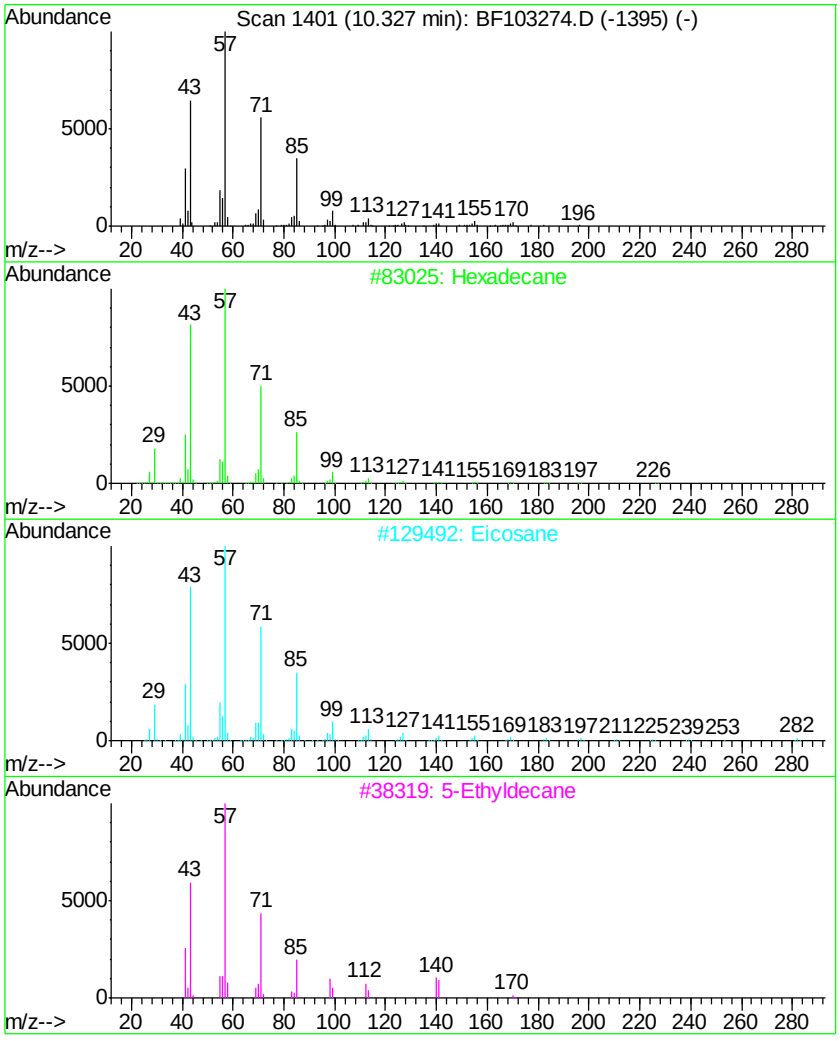
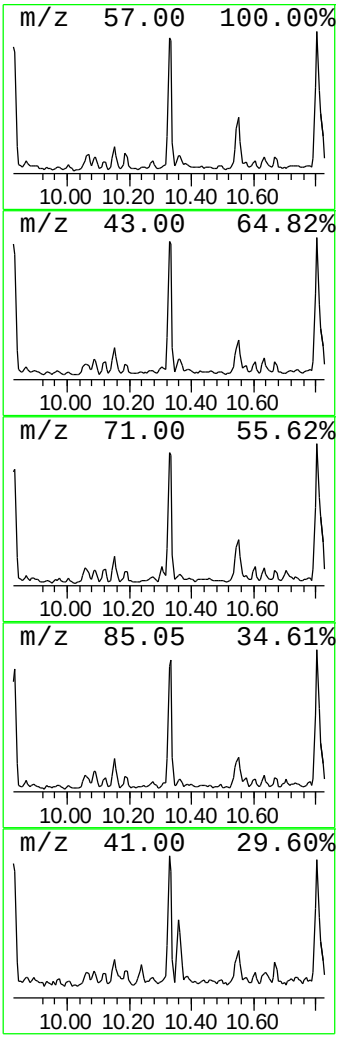
Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	7.92 ng	392936	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	90
3	5-Ethyldecane	170	C12H26	017302-36-2	87
4	Dodecane	170	C12H26	000112-40-3	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Acq On : 27 Feb 2018 20:14
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Sample : J1675-01
Misc :
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Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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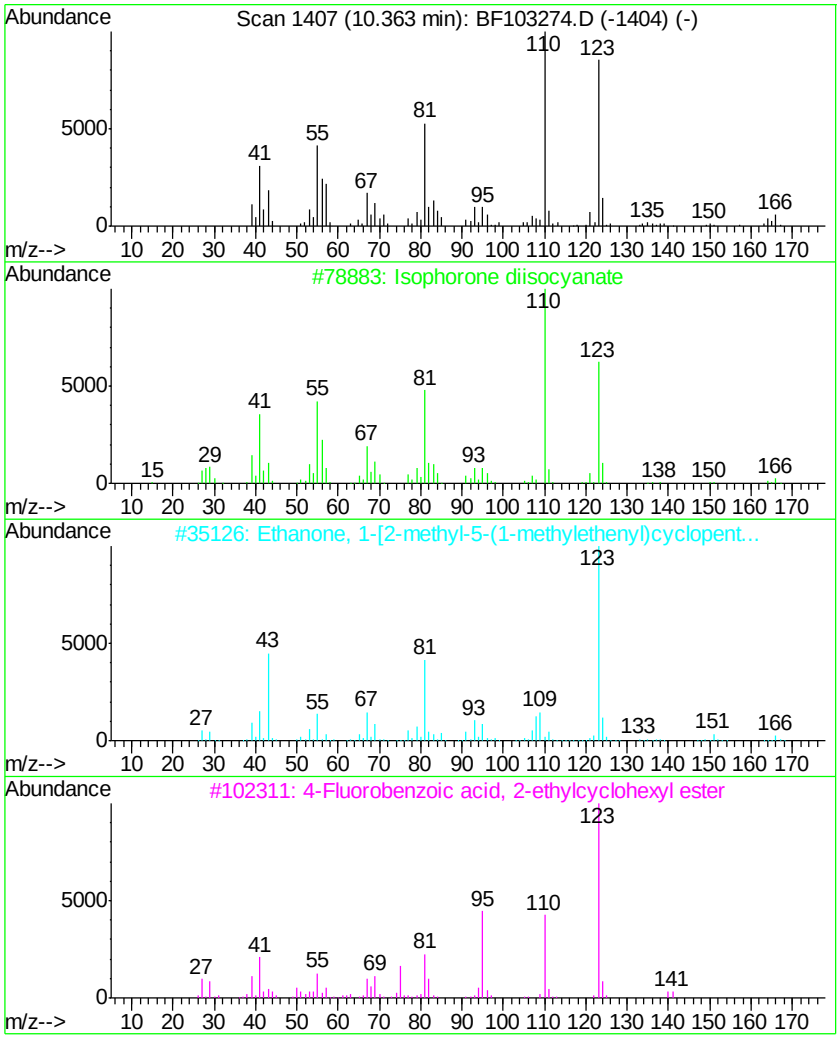
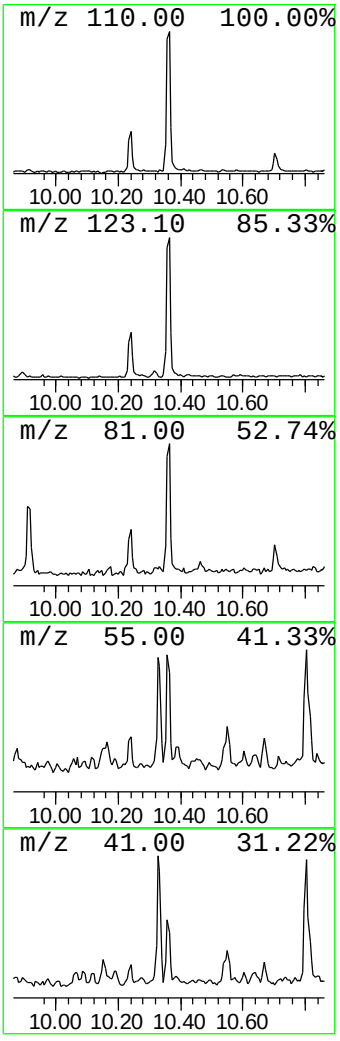
Peak Number 10 Isophorone diisocyanate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	3.82 ng	189818	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophorone diisocyanate	222	C12H18N2O2	004098-71-9	91
2	Ethanone, 1-[2-methyl-5-(1-methy...	166	C11H18O	074063-72-2	45
3	4-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-06-0	43
4	Cyclopentane, 1-methyl-2-acetyl-...	166	C11H18O	1000139-72-5	43
5	Cyclopentene, 1,2,3,3,4-pentamet...	138	C10H18	197390-29-7	38





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Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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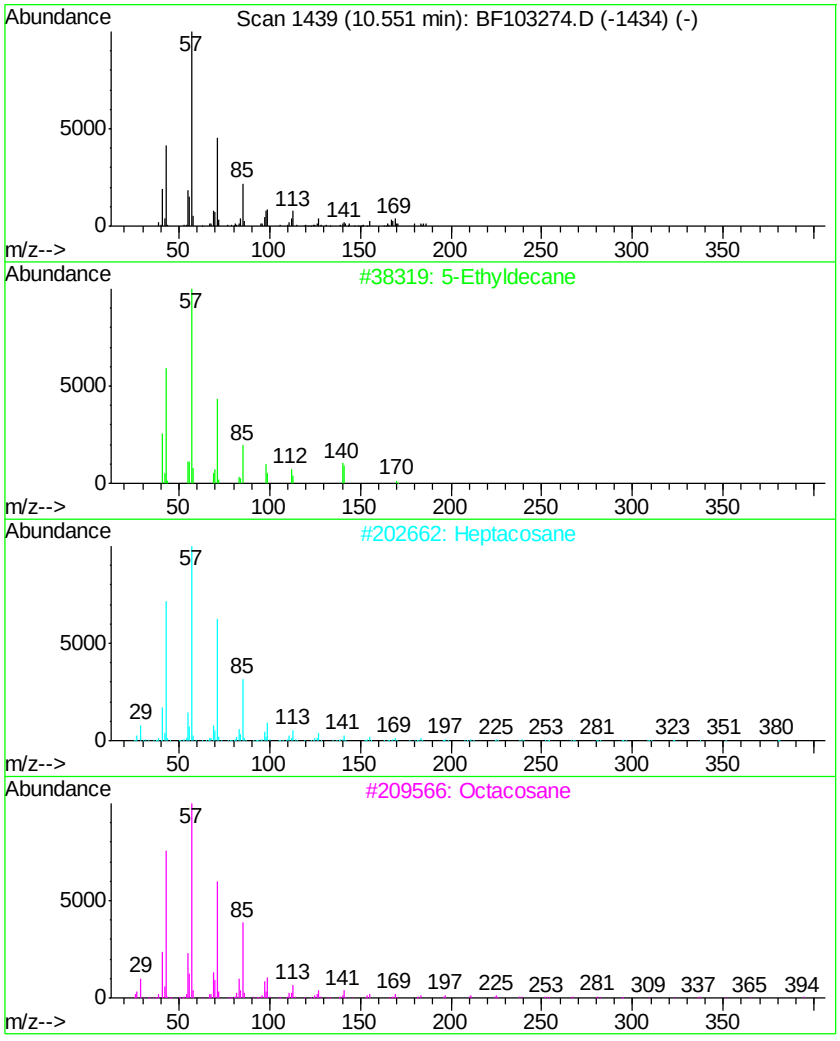
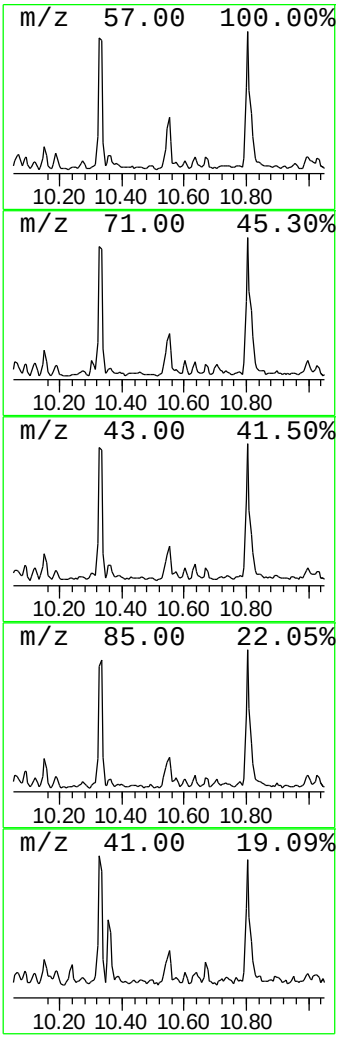
Peak Number 11 5-Ethyldecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	3.29 ng	163188	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	81
2	Heptacosane	380	C27H56	000593-49-7	80
3	Octacosane	394	C28H58	000630-02-4	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70





Library Search Compound Report

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Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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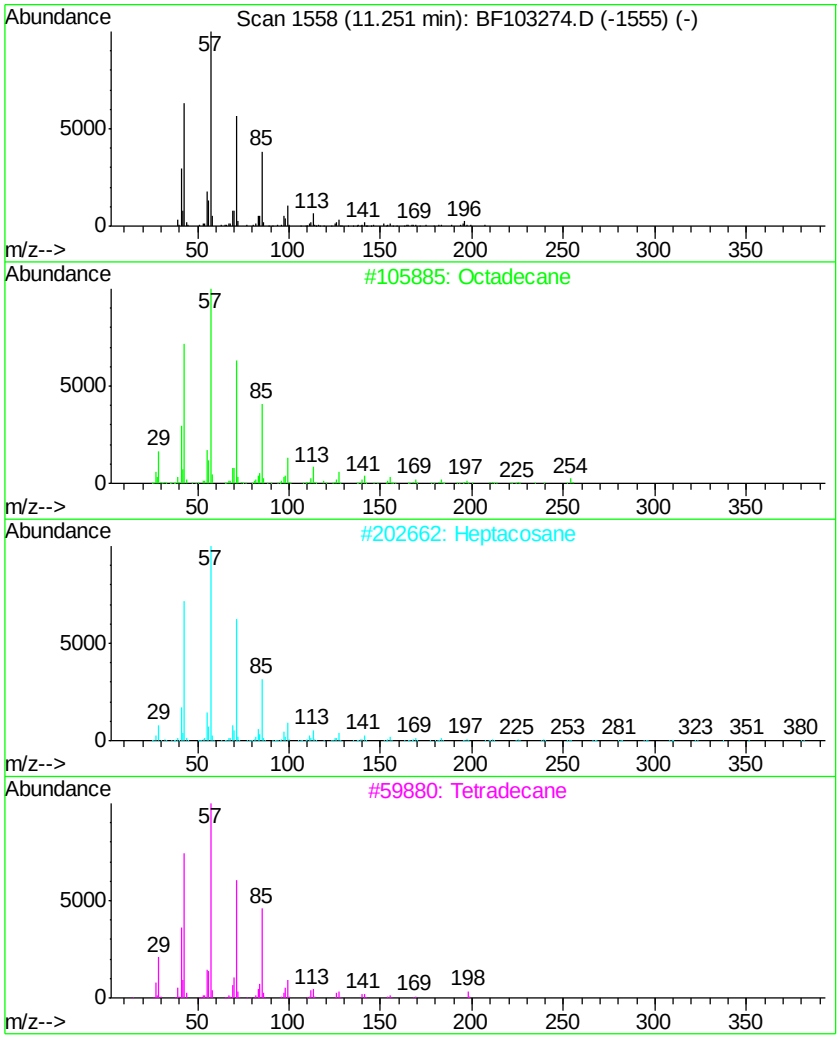
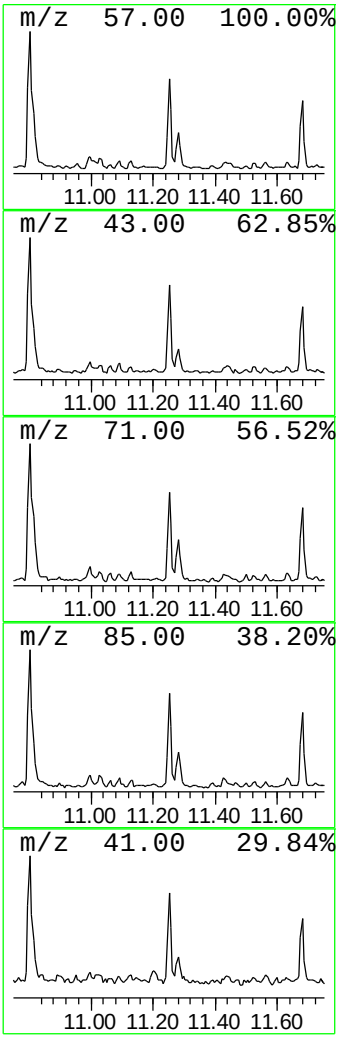
Peak Number 13 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	5.52 ng	235270	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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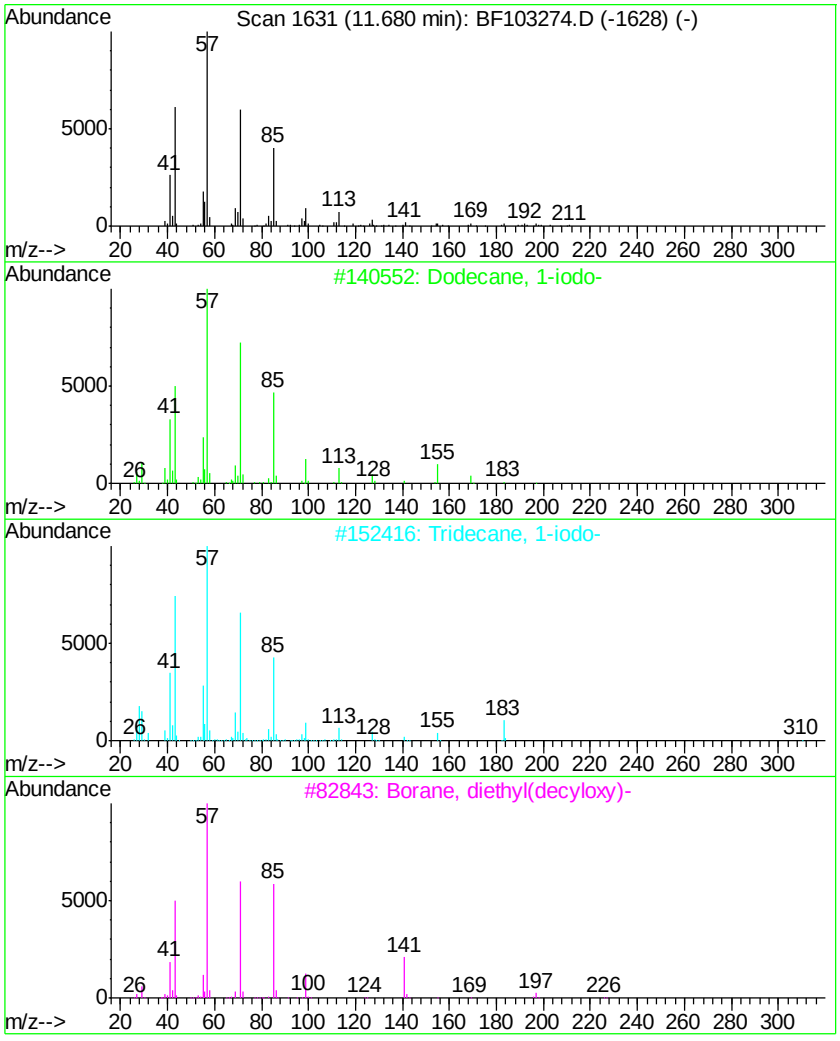
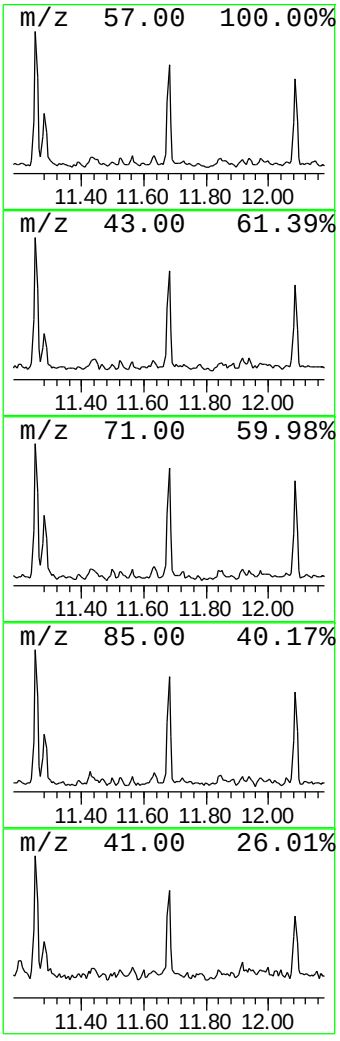
Peak Number 14 Dodecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	4.45 ng	189804	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58





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Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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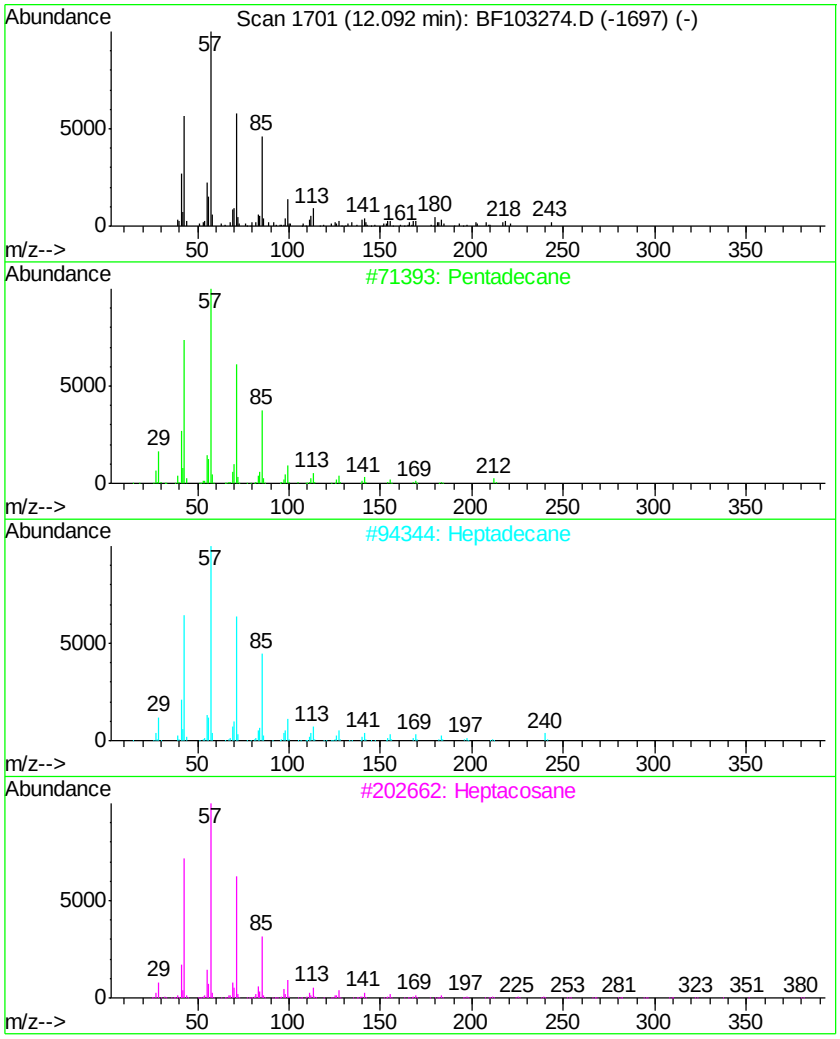
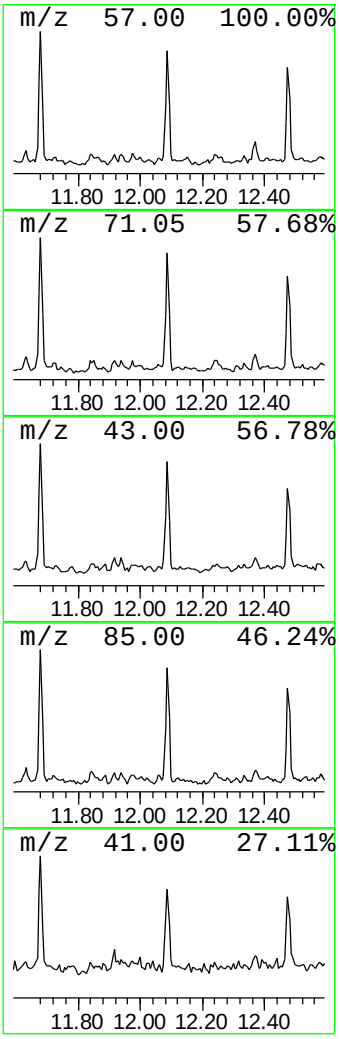
Peak Number 15 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.33 ng	142062	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





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Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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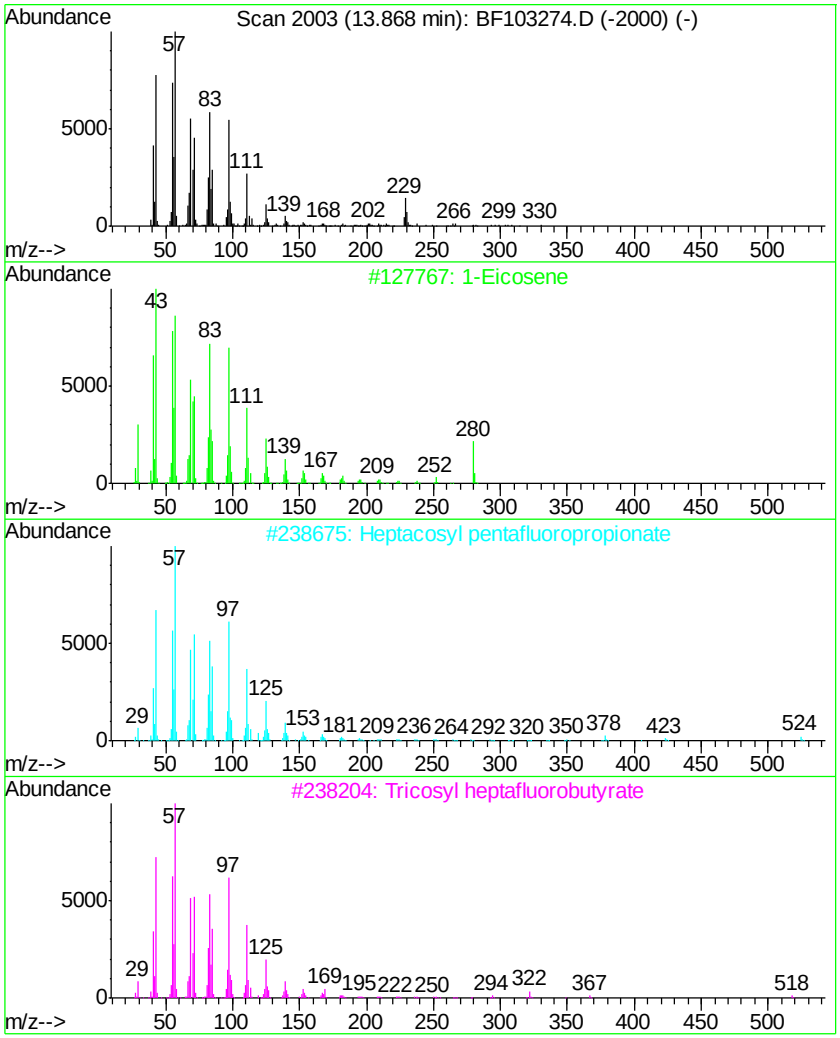
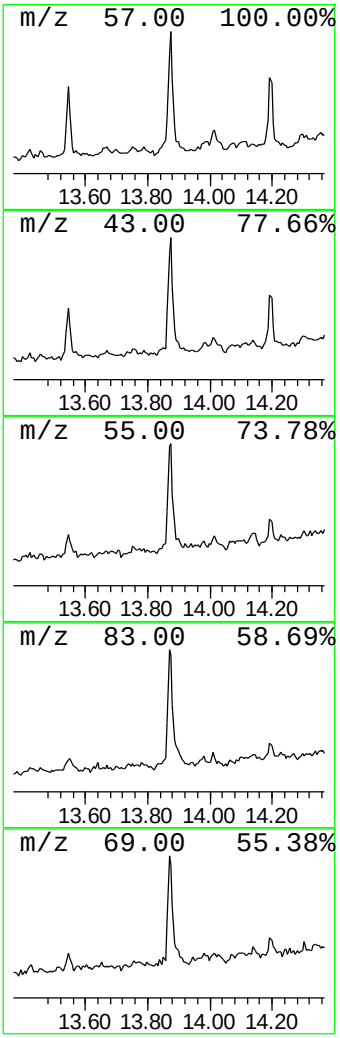
Peak Number 17 1-Eicosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.14 ng	397764	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	94
2	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	87
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	87
4	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	87
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	87





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Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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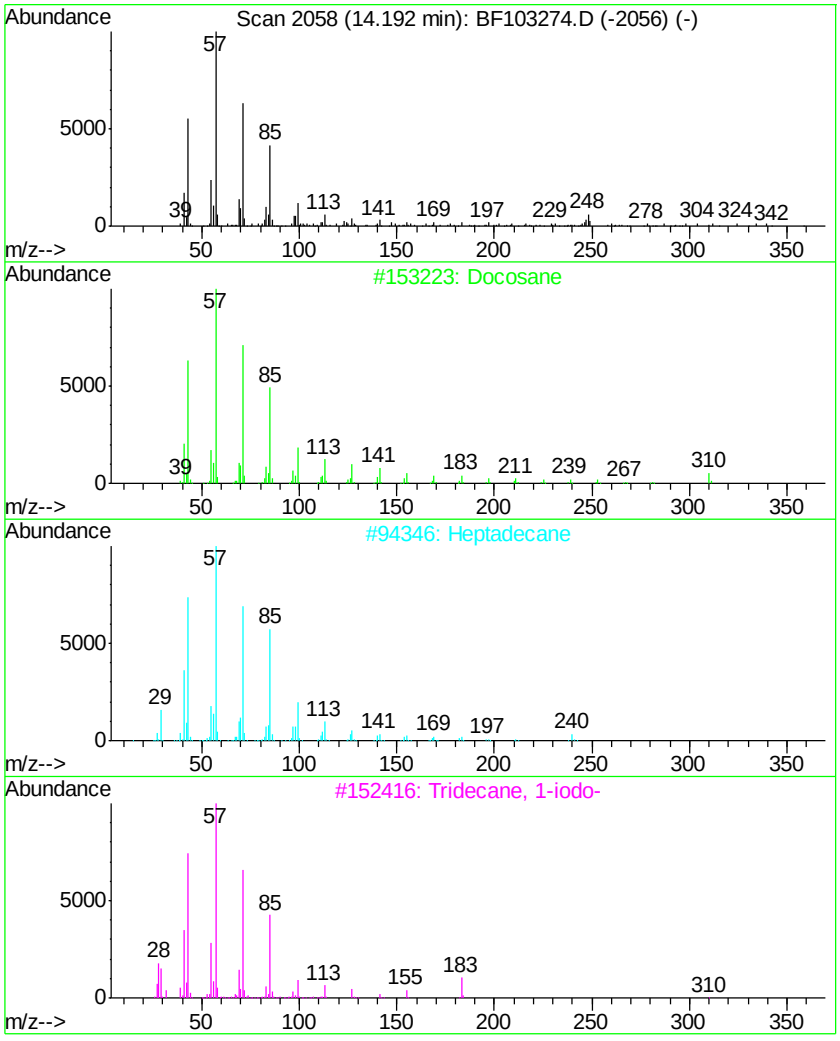
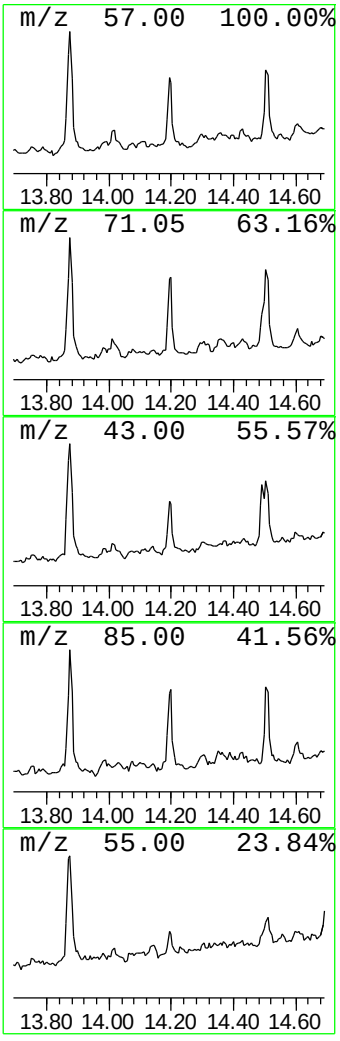
Peak Number 18 Docosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	3.13 ng	136354	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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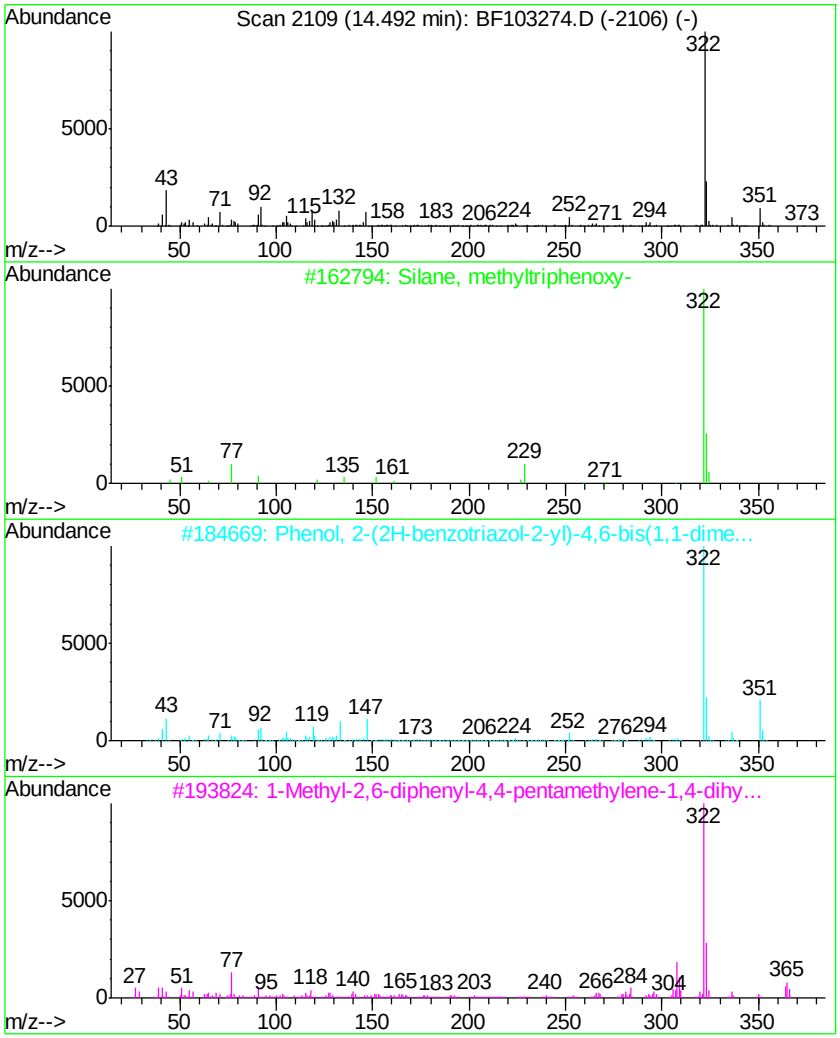
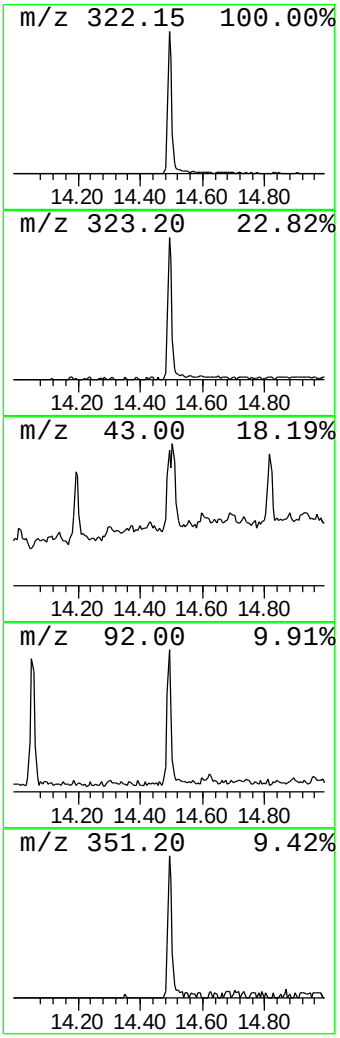
Peak Number 19 unknown14.49 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	12.05 ng	524340	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, methyltriphenoxy-	322	C19H18O3Si	003439-97-2	42
2	Phenol, 2-(2H-benzotriazol-2-yl)...	351	C22H29N3O	025973-55-1	38
3	1-Methyl-2,6-diphenyl-4,4-pentam...	365	C25H23N3	083078-31-3	38
4	1H-Indole, 3-Phenyl-2-(3'-methyl...	322	C23H18N2	164936-86-1	38
5	Pyrazole-4-carboxylic acid, 3-(1...	322	C20H22N2O2	1000272-86-5	36





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Acq On : 27 Feb 2018 20:14
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Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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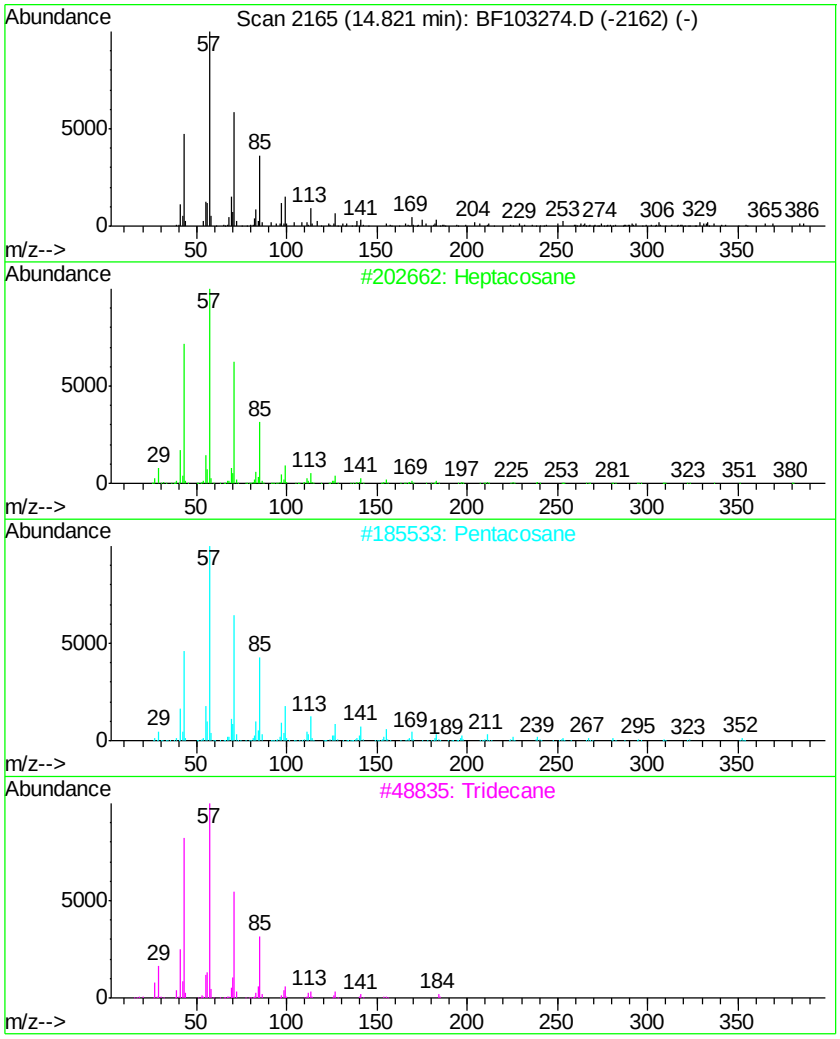
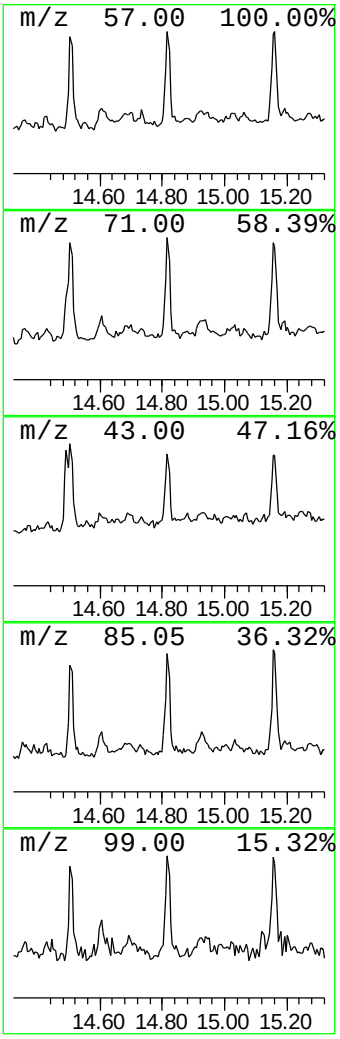
Peak Number 20 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.97 ng	109517	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Pentacosane	352	C25H52	000629-99-2	86
3	Tridecane	184	C13H28	000629-50-5	80
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103274.D
Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1675-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-223

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	6.6	ng	287880	1	6.87	877719	20.0
Triethylamine	2.24	20.1	ng	880200	1	6.87	877719	20.0
2-Pentanone, 4-hy...	5.09	17.0	ng	746033	1	6.87	877719	20.0
unknown6.65	6.65	64.3	ng	2819740	1	6.87	877719	20.0
1,6-Hexanediol	7.75	11.4	ng	659490	2	8.16	1156810	20.0
Tetradecane	9.30	4.9	ng	244385	3	9.92	992600	20.0
Hexadecane	10.33	7.9	ng	392936	3	9.92	992600	20.0
Isophorone diisoc...	10.36	3.8	ng	189818	3	9.92	992600	20.0
5-Ethyldecane	10.55	3.3	ng	163188	3	9.92	992600	20.0
Octadecane	11.25	5.5	ng	235270	4	11.40	852787	20.0
Dodecane, 1-iodo-	11.68	4.5	ng	189804	4	11.40	852787	20.0
Pentadecane	12.09	3.3	ng	142062	4	11.40	852787	20.0
1-Eicosene	13.87	9.1	ng	397764	5	14.06	870159	20.0
Docosane	14.19	3.1	ng	136354	5	14.06	870159	20.0
unknown14.49	14.49	12.1	ng	524340	5	14.06	870159	20.0
Heptacosane	14.82	4.0	ng	109517	6	15.56	551343	20.0