LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104887.D
Acq On : 27 Apr 2018 17:57
Operator : JU/SJ
Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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-BF040618.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	4.963	486	489	492	rBV	97047	102278	2.04%	0.099%
2	4.998	492	495	498	rVV	286506	284991	5.69%	0.276%
3	5.081	505	509	515	rBV	166931	177634	3.55%	0.172%
4	5.375	553	559	564	rBV	152263	250161	5.00%	0.242%
5	5.428	564	568	580	rVV	1565021	1650852	32.98%	1.599%
6	5.622	597	601	606	rBV	771530	694696	13.88%	0.673%
7	6.069	659	677	679	rBV2	1466405	3406790	68.05%	3.301%
8	6.093	679	681	684	rVV	1934120	1362969	27.23%	1.320%
9	6.151	687	691	697	rBV	965236	960228	19.18%	0.930%
10	6.375	726	729	738	rVV	655395	891001	17.80%	0.863%
11	6.451	738	742	755	rVV	1820251	2116086	42.27%	2.050%
12	6.545	755	758	759	rVV	146840	149065	2.98%	0.144%
13	6.575	759	763	768	rVV	2024545	2096506	41.88%	2.031%
14	6.798	797	801	808	rBV	777362	677888	13.54%	0.657%
15	6.857	808	811	815	rBV2	364721	336665	6.72%	0.326%
16	6.898	815	818	823	rVB3	87221	135662	2.71%	0.131%
17	6.951	823	827	831	rBV	2160033	2015965	40.27%	1.953%
18	7.257	876	879	883	rBV	363220	302488	6.04%	0.293%
19	7.316	883	889	892	rBV	977498	906157	18.10%	0.878%
20	7.363	892	897	900	rVV	2270099	2639696	52.73%	2.557%
21	7.422	905	907	910	rBV	120555	112605	2.25%	0.109%
22	7.504	917	921	924	rBV2	187087	270668	5.41%	0.262%
23	7.539	924	927	931	rVB2	467914	411464	8.22%	0.399%
24	7.587	931	935	938	rBV2	666830	897710	17.93%	0.870%
25	7.610	938	939	942	rVV2	441326	429019	8.57%	0.416%
26	7.639	942	944	947	rVV	156289	127086	2.54%	0.123%
27	7.687	950	952	954	rBV	172855	158945	3.17%	0.154%
28	7.710	954	956	960	rVB	201962	162356	3.24%	0.157%
29	7.792	966	970	972	rBV	376647	336192	6.72%	0.326%
30	7.810	972	973	977	rVV2	116393	116212	2.32%	0.113%
31	7.875	980	984	986	rVV	185321	187002	3.74%	0.181%
32	7.910	988	990	994	rVV4	89506	147479	2.95%	0.143%
33	7.963	994	999	1000	rVV3	182762	272735	5.45%	0.264%
34	7.987	1000	1003	1013	rVV4	216943	678634	13.56%	0.657%

LSC Area Percent Report

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Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.081	1013	1019	1022	rVV	1058628	1002086	20.02%	0.971%
36	8.239	1041	1046	1052	rBV4	82059	167961	3.36%	0.163%
37	8.498	1086	1090	1100	rVB	250375	306779	6.13%	0.297%
38	9.157	1196	1202	1205	rBV	3093606	2747085	54.87%	2.661%
39	9.551	1264	1269	1272	rBV	172683	162763	3.25%	0.158%
40	9.633	1280	1283	1292	rVB	476711	402367	8.04%	0.390%
41	9.757	1301	1304	1308	rVB	150504	118287	2.36%	0.115%
42	9.839	1314	1318	1325	rVB	942323	916669	18.31%	0.888%
43	10.233	1382	1385	1387	rBV	163634	155420	3.10%	0.151%
44	10.257	1387	1389	1392	rVB	214092	161809	3.23%	0.157%
45	10.633	1448	1453	1460	rBV2	501128	648468	12.95%	0.628%
46	10.733	1467	1470	1475	rBV	259256	268992	5.37%	0.261%
47	10.833	1484	1487	1491	rVB2	127957	108323	2.16%	0.105%
48	10.922	1499	1502	1506	rVB	387761	300578	6.00%	0.291%
49	11.180	1543	1546	1549	rBV2	311685	258385	5.16%	0.250%
50	11.275	1559	1562	1565	rVB2	128300	112965	2.26%	0.109%
51	11.327	1565	1571	1578	rBV	855011	936386	18.70%	0.907%
52	11.486	1596	1598	1602	rVV	154455	146601	2.93%	0.142%
53	11.539	1602	1607	1614	rVV2	215555	378190	7.55%	0.366%
54	11.610	1615	1619	1621	rBV2	243558	217822	4.35%	0.211%
55	11.845	1656	1659	1662	rBV2	107553	116464	2.33%	0.113%
56	11.886	1662	1666	1669	rVB	654173	544807	10.88%	0.528%
57	12.016	1685	1688	1691	rVB	224115	184199	3.68%	0.178%
58	12.363	1744	1747	1752	rBV2	261974	259361	5.18%	0.251%
59	12.404	1752	1754	1757	rBV	215836	193106	3.86%	0.187%
60	12.780	1815	1818	1820	rBV2	342332	308713	6.17%	0.299%
61	12.916	1837	1841	1844	rVB	2005125	1824455	36.44%	1.768%
62	12.969	1847	1850	1851	rBV	183263	164091	3.28%	0.159%
63	12.992	1851	1854	1856	rBV	226042	188396	3.76%	0.183%
64	13.039	1860	1862	1865	rBV	317890	256049	5.11%	0.248%
65	13.069	1865	1867	1869	rVB	272231	203849	4.07%	0.197%
66	13.104	1869	1873	1874	rBV2	470006	531176	10.61%	0.515%
67	13.121	1874	1876	1877	rVB	213255	147870	2.95%	0.143%
68	13.139	1877	1879	1883	rVB2	694252	649897	12.98%	0.630%
69	13.204	1883	1890	1893	rBV2	797853	1579387	31.55%	1.530%
70	13.257	1896	1899	1900	rBV	775091	732423	14.63%	0.710%
71	13.274	1900	1902	1904	rBV	393955	300955	6.01%	0.292%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.310	1904	1908	1913	rVB	1369566	1991926	39.79%	1.930%
73	13.357	1913	1916	1918	rBV	1746843	1789790	35.75%	1.734%
74	13.386	1918	1921	1922	rBV	1887646	1754272	35.04%	1.700%
75	13.404	1922	1924	1926	rVB	1293994	977438	19.52%	0.947%
76	13.427	1926	1928	1930	rVB	1954539	1741046	34.78%	1.687%
77	13.463	1930	1934	1936	rVB	3237111	3879382	77.49%	3.759%
78	13.492	1936	1939	1942	rBV3	2005243	2959718	59.12%	2.867%
79	13.533	1942	1946	1948	rVB3	1675458	2289581	45.73%	2.218%
80	13.563	1948	1951	1953	rBV	1743823	2345965	46.86%	2.273%
81	13.616	1956	1960	1963	rVB	2416691	3521706	70.35%	3.412%
82	13.663	1963	1968	1970	rBV2	2799377	4797575	95.83%	4.648%
83	13.704	1970	1975	1977	rBV2	1390106	2071413	41.38%	2.007%
84	13.768	1983	1986	1988	rVB	3634604	3958401	79.07%	3.835%
85	13.798	1988	1991	1993	rVV	1865579	1831319	36.58%	1.774%
86	13.827	1993	1996	1998	rVV	3611962	4544256	90.77%	4.403%
87	13.857	1998	2001	2004	rVV	3698525	5006214	100.00%	4.850%
88	13.892	2004	2007	2009	rVB	2965530	2805115	56.03%	2.718%
89	13.916	2009	2011	2013	rBV	652796	499865	9.98%	0.484%
90	13.963	2013	2019	2023	rBV2	2380424	4269184	85.28%	4.136%
91	14.004	2023	2026	2033	rVB	1262751	1438664	28.74%	1.394%
92	14.127	2044	2047	2053	rVB2	554877	774747	15.48%	0.751%
93	14.180	2054	2056	2061	rVB2	166593	202438	4.04%	0.196%
94	14.327	2079	2081	2083	rBV	238349	282706	5.65%	0.274%
95	14.433	2096	2099	2101	rBV	478675	603262	12.05%	0.584%
96	14.463	2102	2104	2106	rVV	818715	927082	18.52%	0.898%
97	14.486	2106	2108	2110	rVB	957208	807620	16.13%	0.782%
98	14.557	2118	2120	2122	rBV	879838	874427	17.47%	0.847%
99	15.457	2270	2273	2275	rBV2	279629	384144	7.67%	0.372%
100	15.480	2275	2277	2287	rVB	586885	717954	14.34%	0.696%

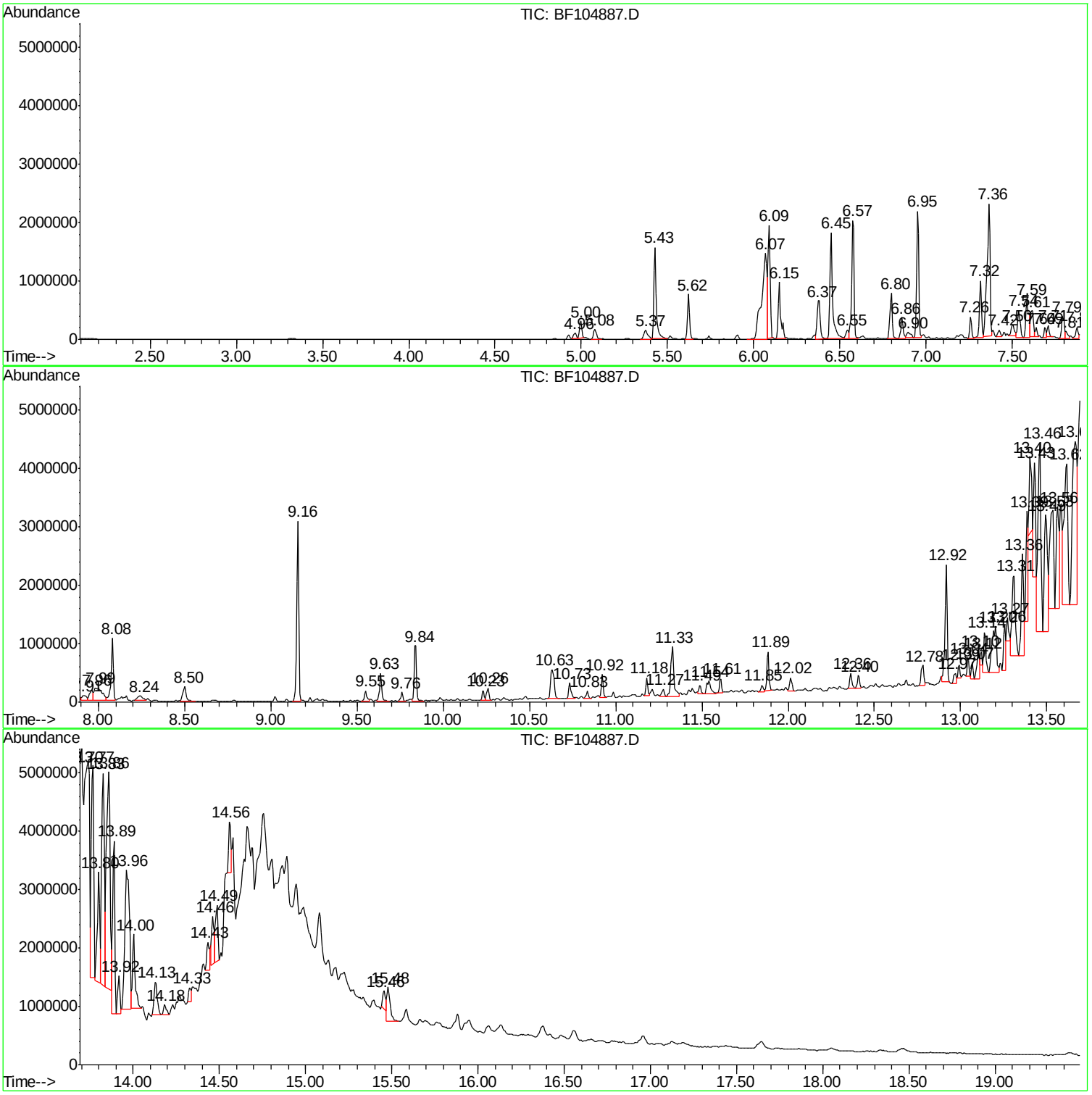
Sum of corrected areas: 103216229

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104887.D
Acq On : 27 Apr 2018 17:57
Operator : JU/SJ
Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104887.D
Acq On : 27 Apr 2018 17:57
Operator : JU/SJ
Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

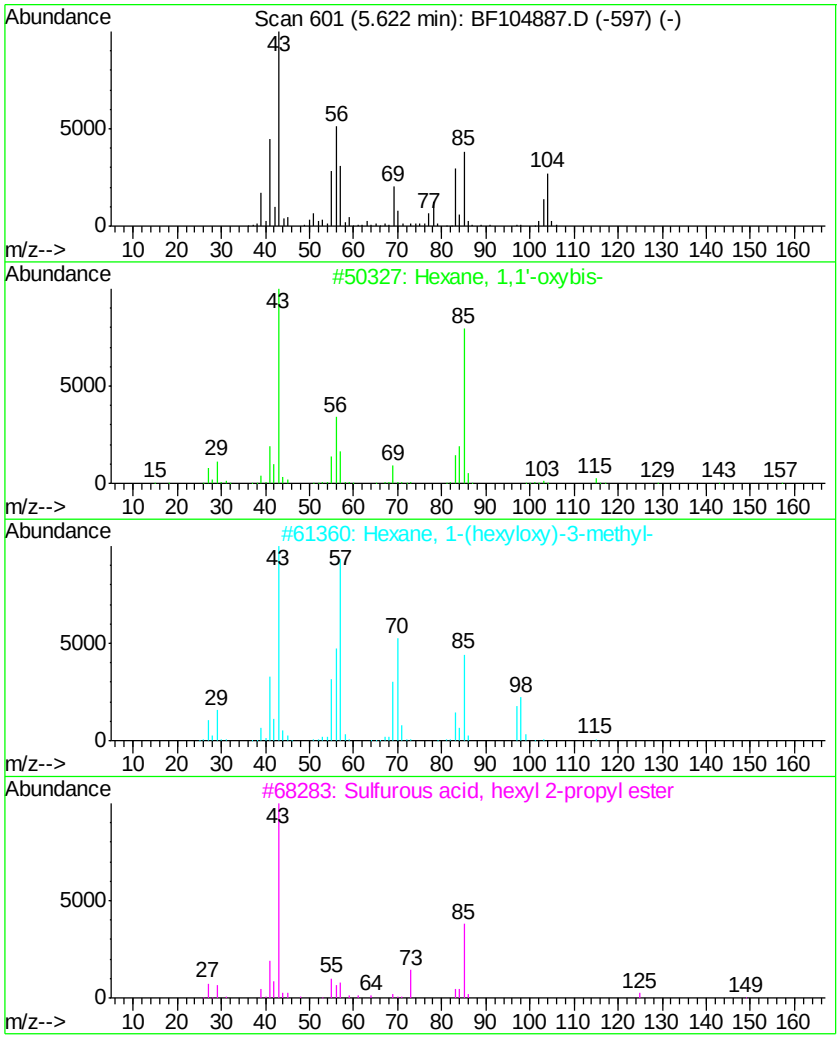
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

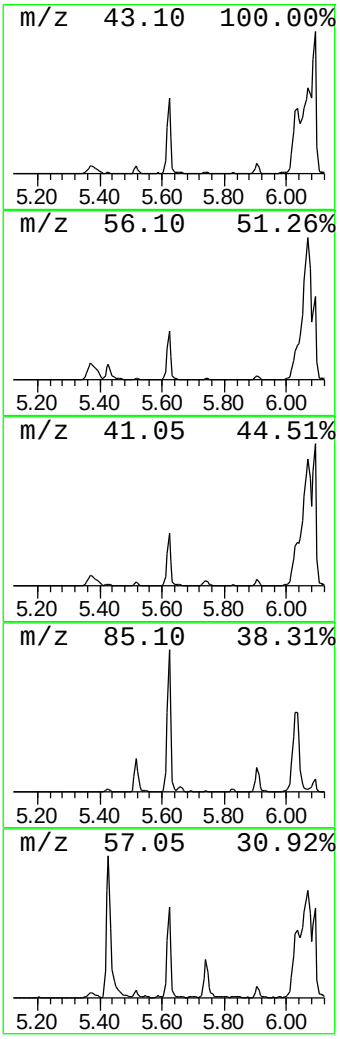
****

Peak Number 1 Hexane, 1,1'-oxybis- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	20.50 ng	694696	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	50
2	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	42
3	Sulfurous acid, hexyl 2-propyl e...	208	C9H20O3S	1000309-11-7	38
4	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	37
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104887.D
Acq On : 27 Apr 2018 17:57
Operator : JU/SJ
Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

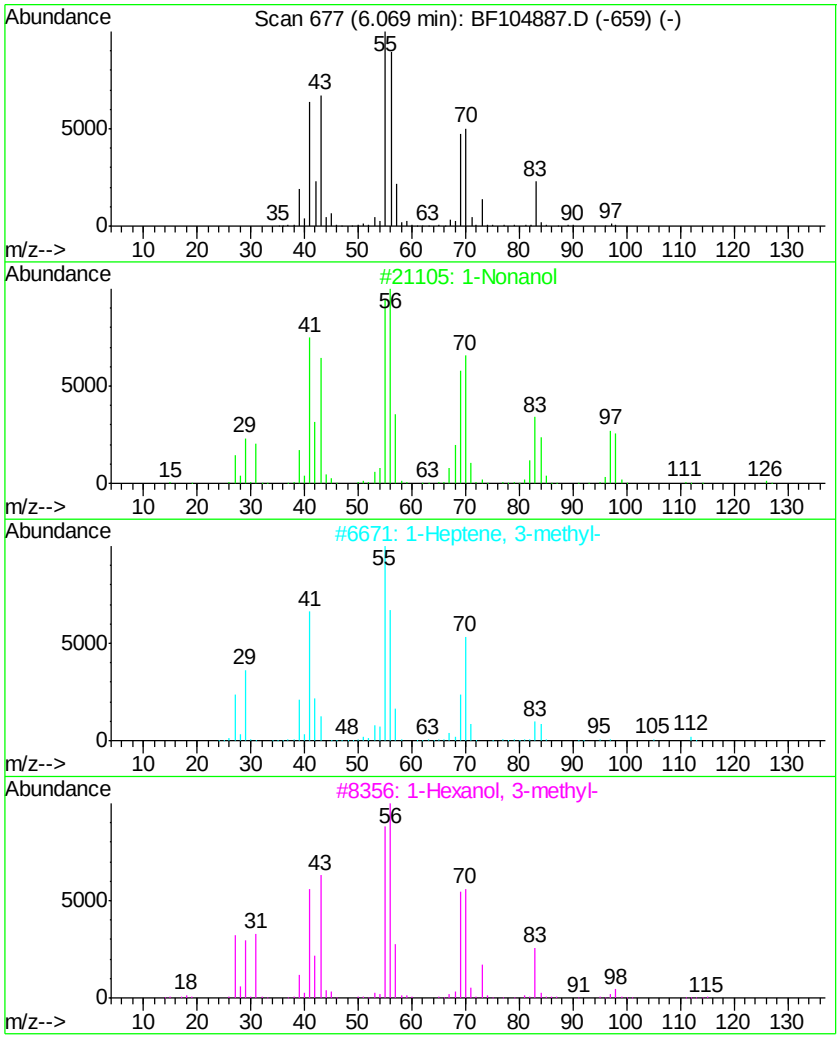
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

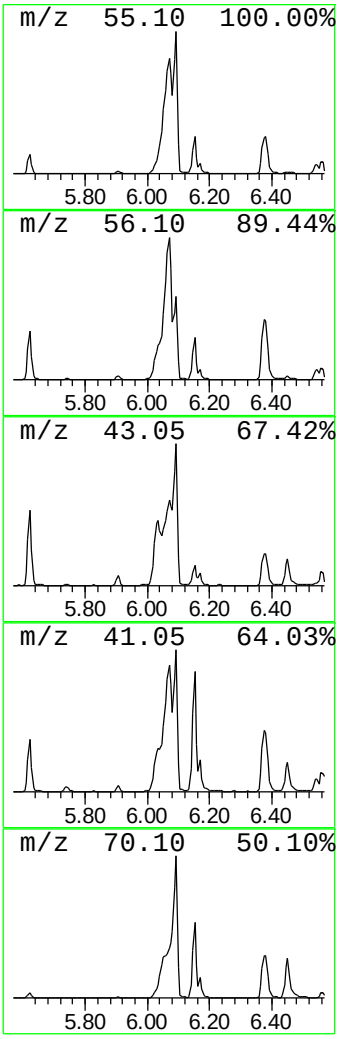
****

Peak Number 2 1-Nonanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	100.51 ng	3406790	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	72
2	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	64
3	1-Hexanol, 3-methyl-	116	C7H16O	013231-81-7	64
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	59
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	59





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Operator : JU/SJ
Sample : J2522-02
Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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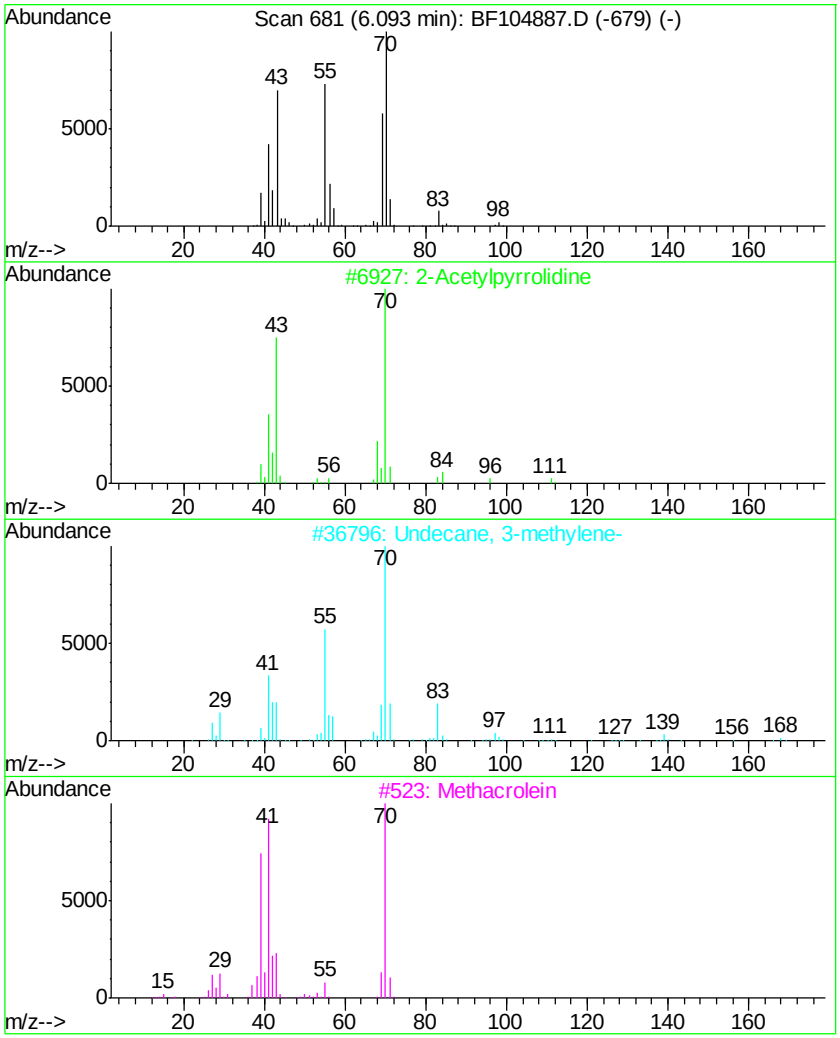
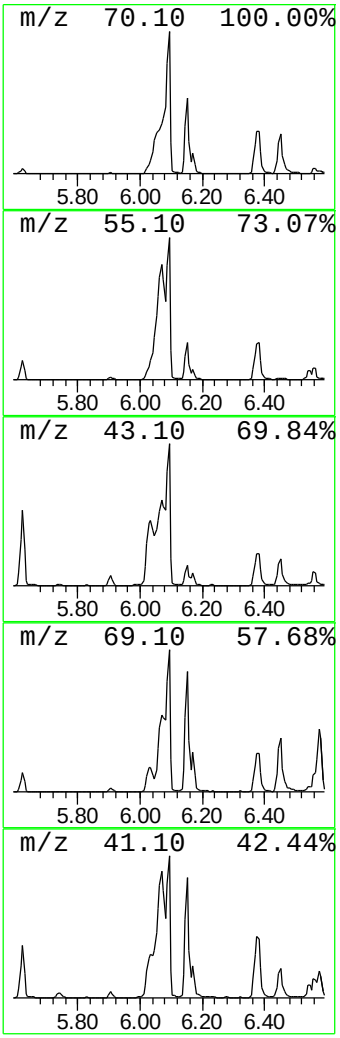
Peak Number 3 2-Acetylpyrrolidine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	40.21 ng	1362970	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetylpyrrolidine	113	C6H11NO	060026-20-2	50
2	Undecane, 3-methylene-	168	C12H24	071138-64-2	43
3	Methacrolein	70	C4H6O	000078-85-3	42
4	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	40
5	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104887.D
Acq On : 27 Apr 2018 17:57
Operator : JU/SJ
Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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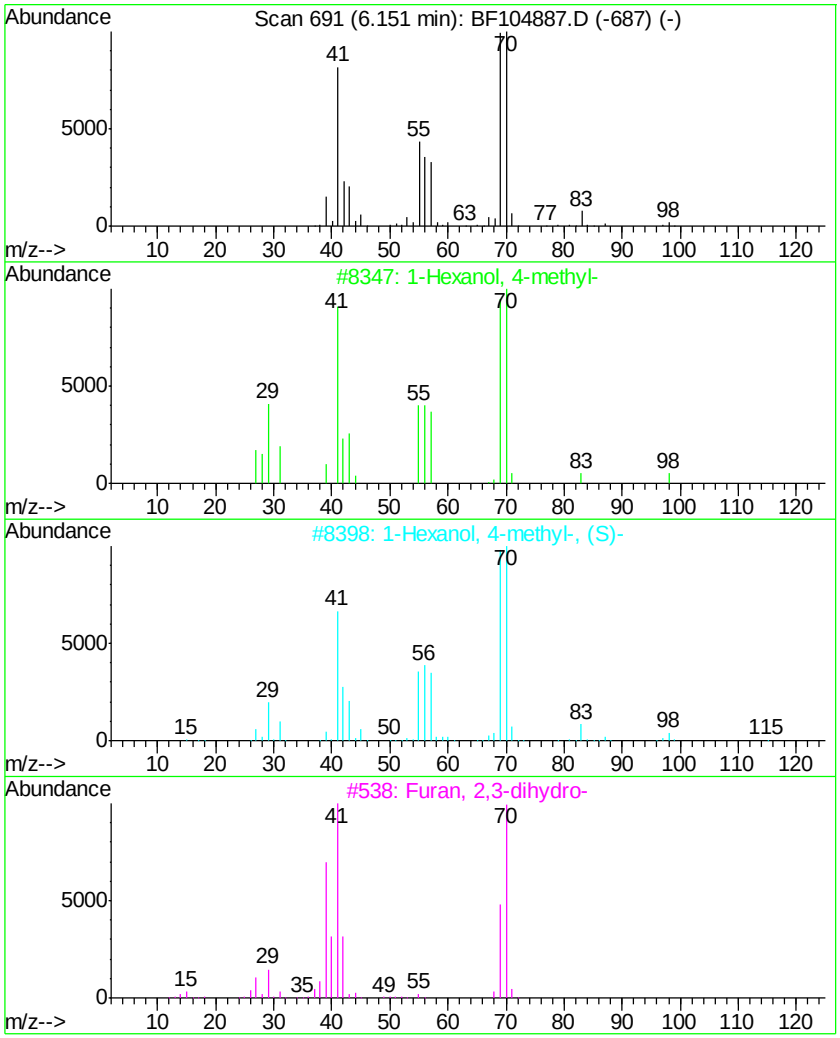
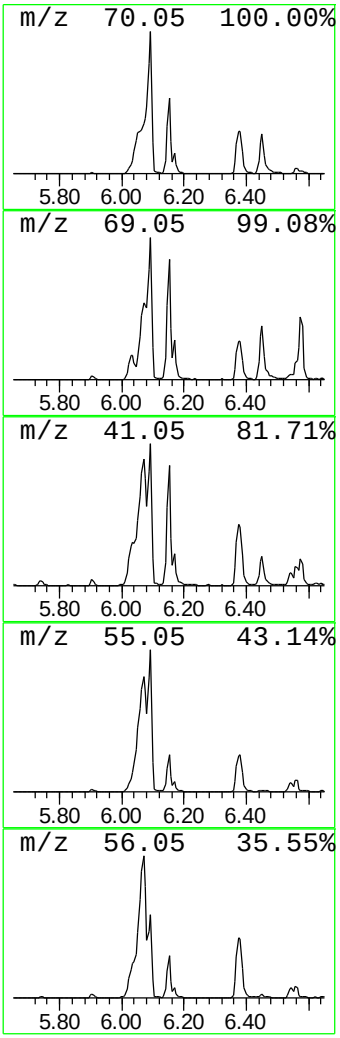
Peak Number 4 1-Hexanol, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	28.33 ng	960228	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 4-methyl-	116	C7H16O	000818-49-5	64
2	1-Hexanol, 4-methyl-, (S)-	116	C7H16O	001767-46-0	47
3	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	46
4	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	43
5	Formic acid, 2-methylbutyl ester	116	C6H12O2	1000367-91-1	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104887.D
Acq On : 27 Apr 2018 17:57
Operator : JU/SJ
Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

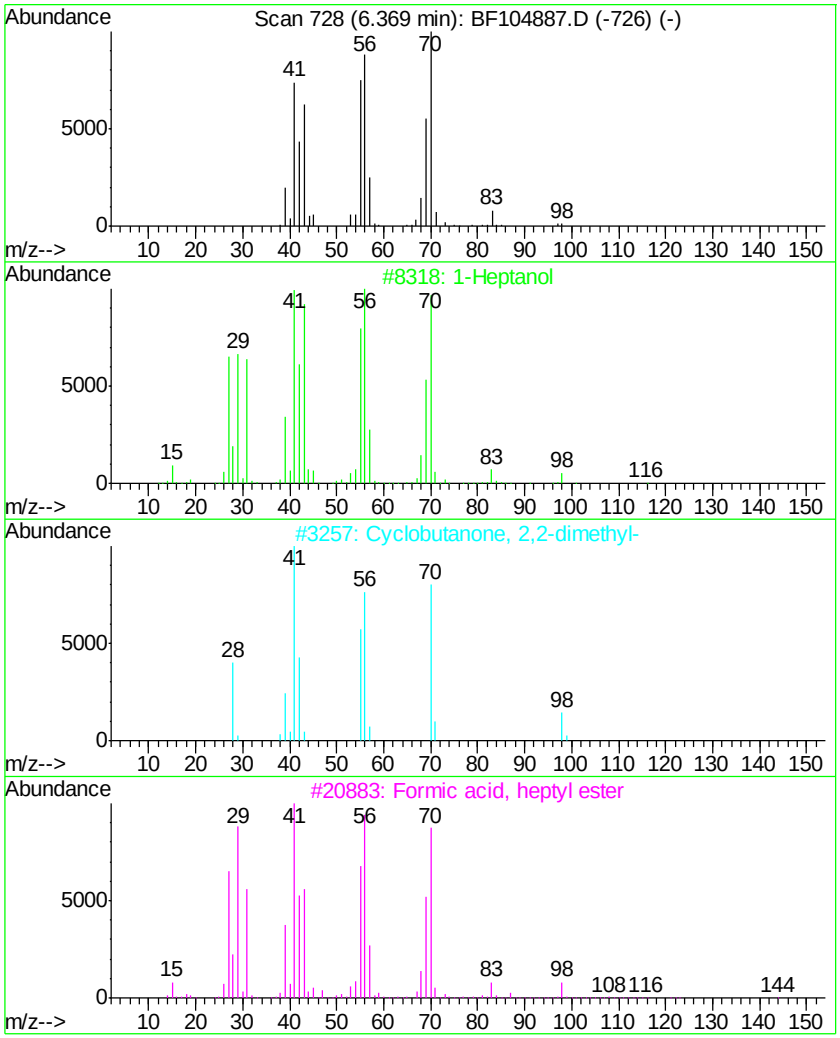
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

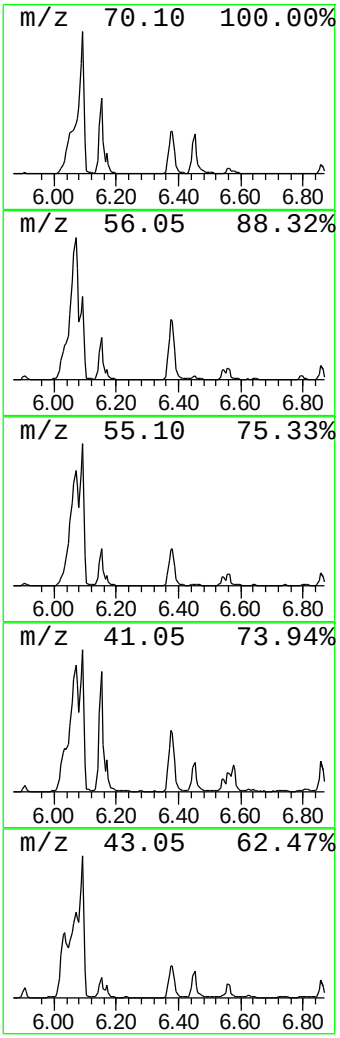
****

Peak Number 5 1-Heptanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	26.29 ng	891001	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol	116	C7H16O	000111-70-6	90
2	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	78
3	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	74
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	72
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104887.D
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Operator : JU/SJ
Sample : J2522-02
Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

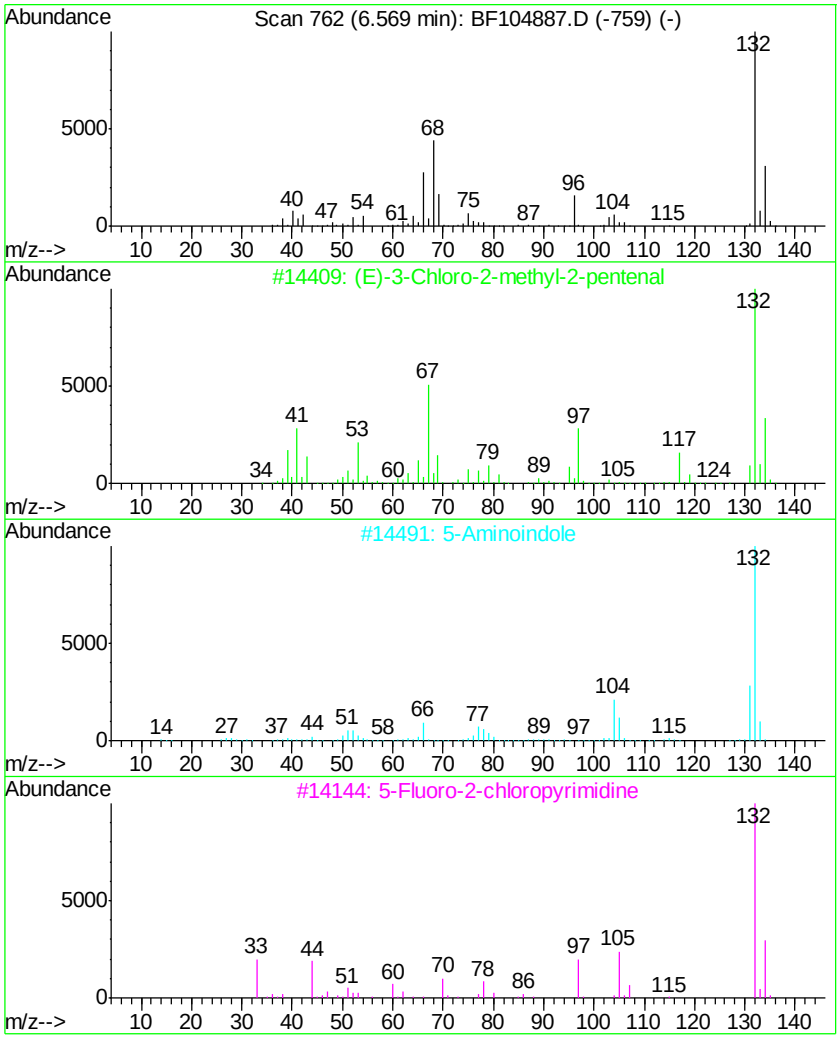
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

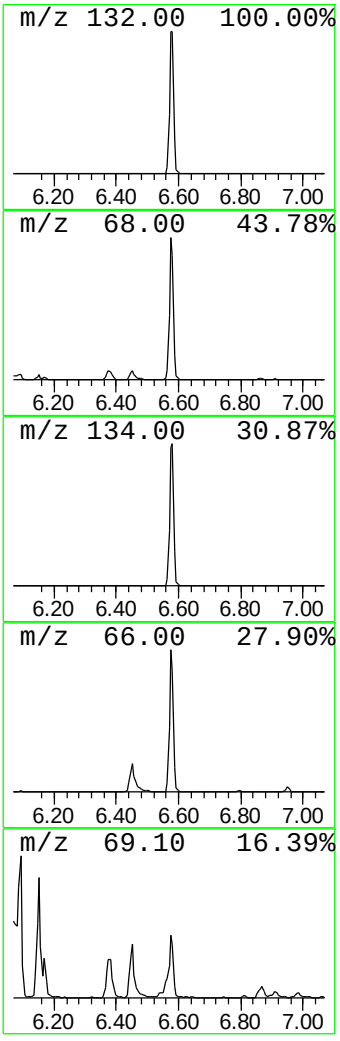
****

Peak Number 6 unknown6.57 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	61.85 ng	2096510	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Acq On : 27 Apr 2018 17:57
Operator : JU/SJ
Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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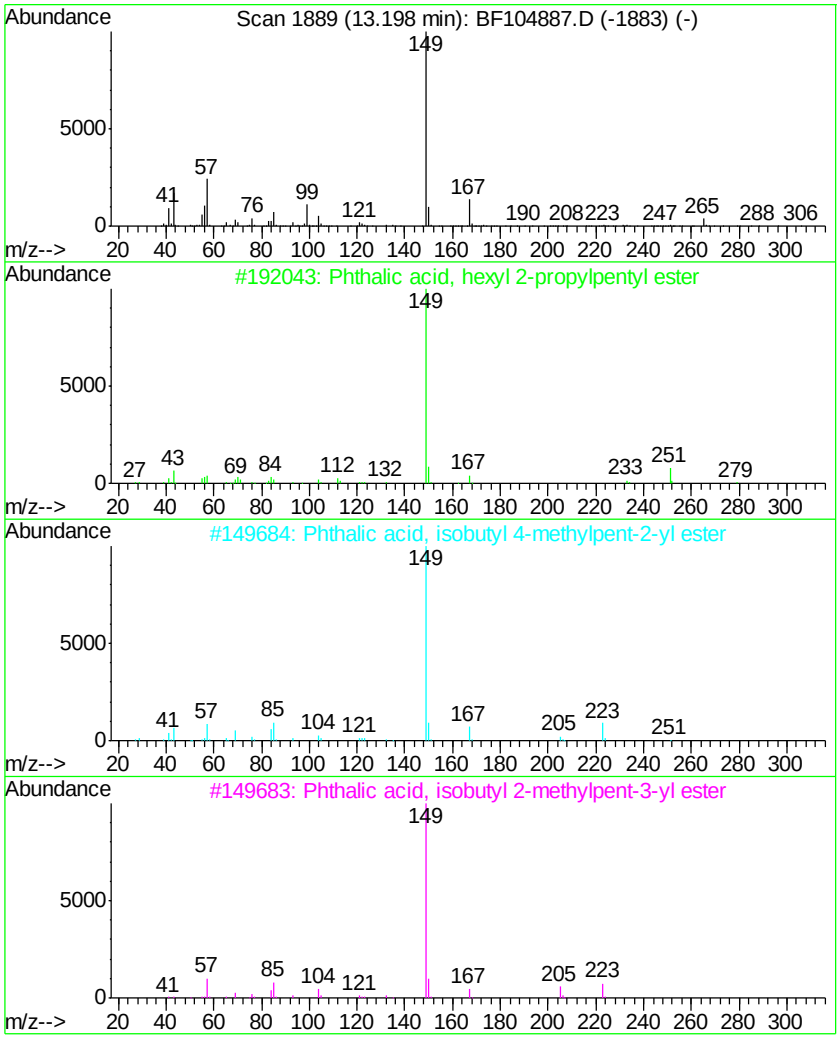
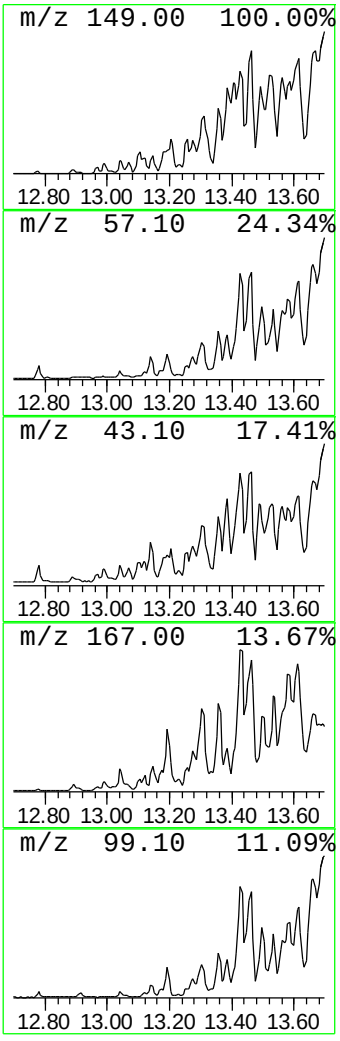
Peak Number 7 Phthalic acid, hexyl 2-prop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	21.96 ng	1579390	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hexyl 2-propylpen...	362	C22H34O4	1000377-92-2	86
2	Phthalic acid, isobutyl 4-methyl...	306	C18H26O4	1000356-87-2	86
3	Phthalic acid, isobutyl 2-methyl...	306	C18H26O4	1000356-90-7	86
4	Phthalic acid, butyl 3,3-dimethy...	306	C18H26O4	1000357-00-2	86
5	Phthalic acid, 2-methylpent-3-yl...	320	C19H28O4	1000356-90-9	86





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Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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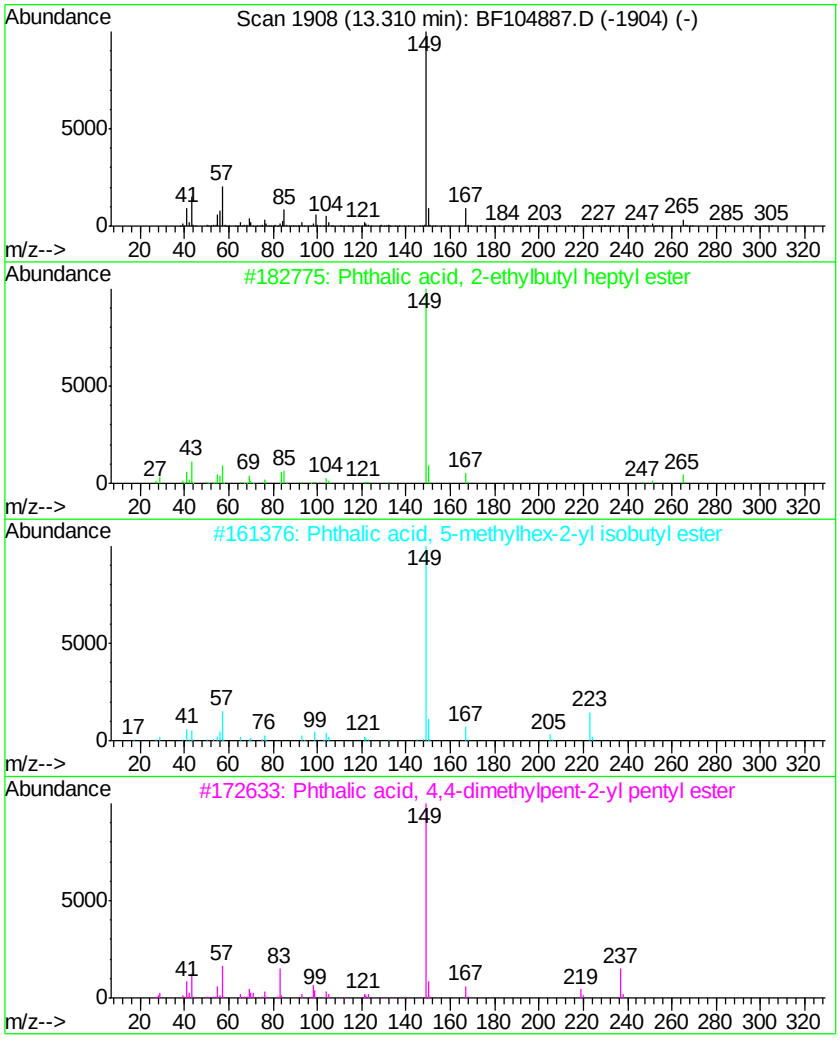
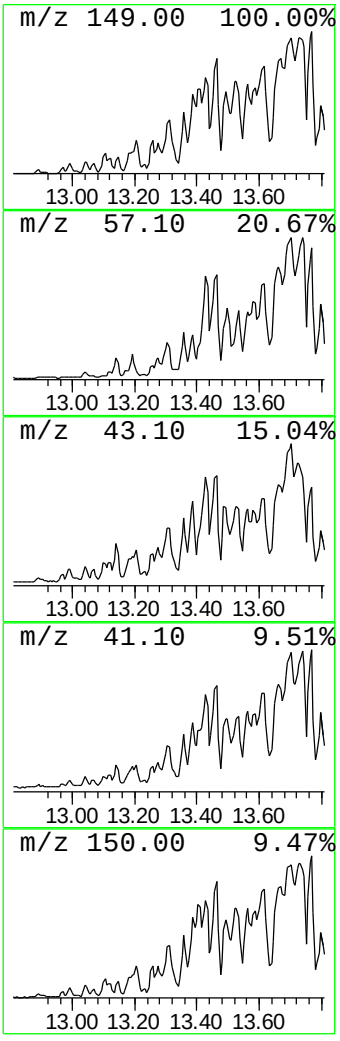
Peak Number 8 Phthalic acid, 2-ethylbutyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	27.69 ng	1991930	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	86
2	Phthalic acid, 5-methylhex-2-yl ...	320	C19H28O4	1000371-09-1	80
3	Phthalic acid, 4,4-dimethylpent-...	334	C20H30O4	1000371-14-0	80
4	Phthalic acid, 4,4-dimethylpent-...	362	C22H34O4	1000371-13-8	80
5	Phthalic acid, isobutyl 6-methyl...	334	C20H30O4	1000377-95-7	80





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Integration Parameters: LSCINT.P

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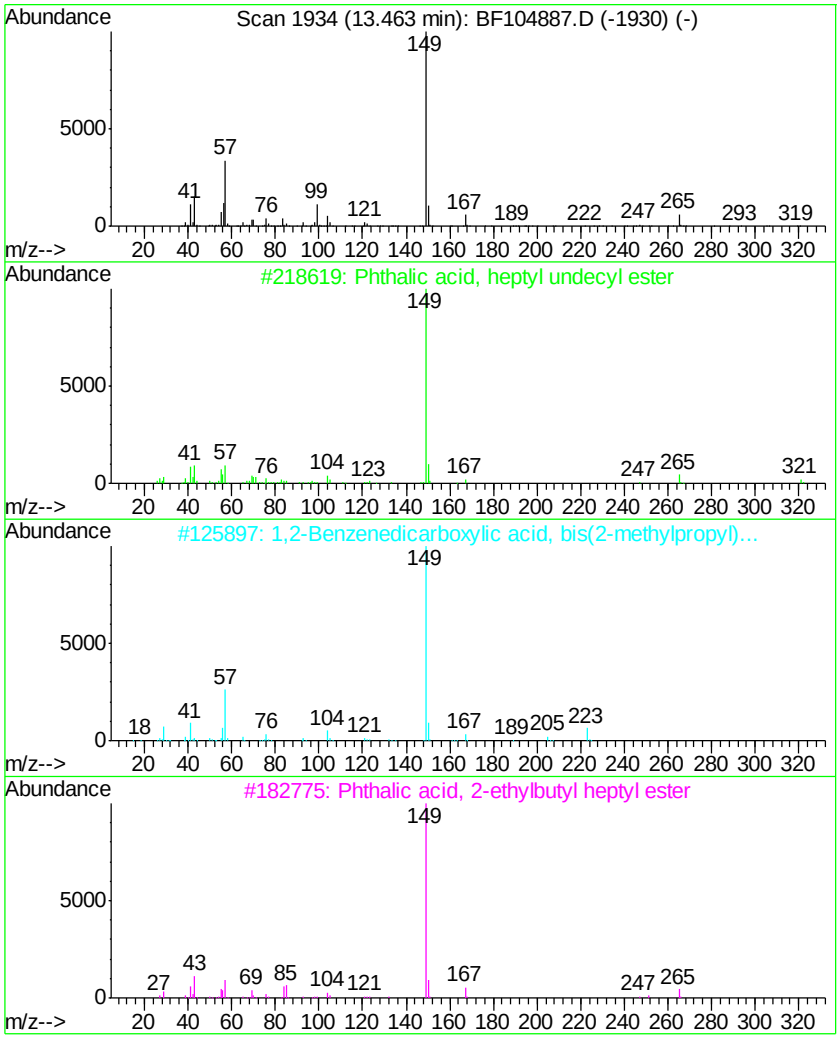
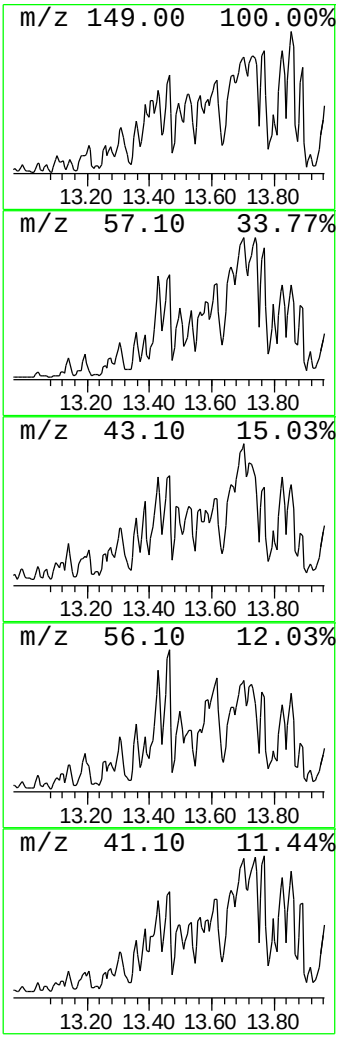
Peak Number 9 Phthalic acid, heptyl undec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	53.93 ng	3879380	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	80
2	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	72
3	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	72
4	Phthalic acid, 5-methylhex-2-yl ...	320	C19H28O4	1000371-09-1	72
5	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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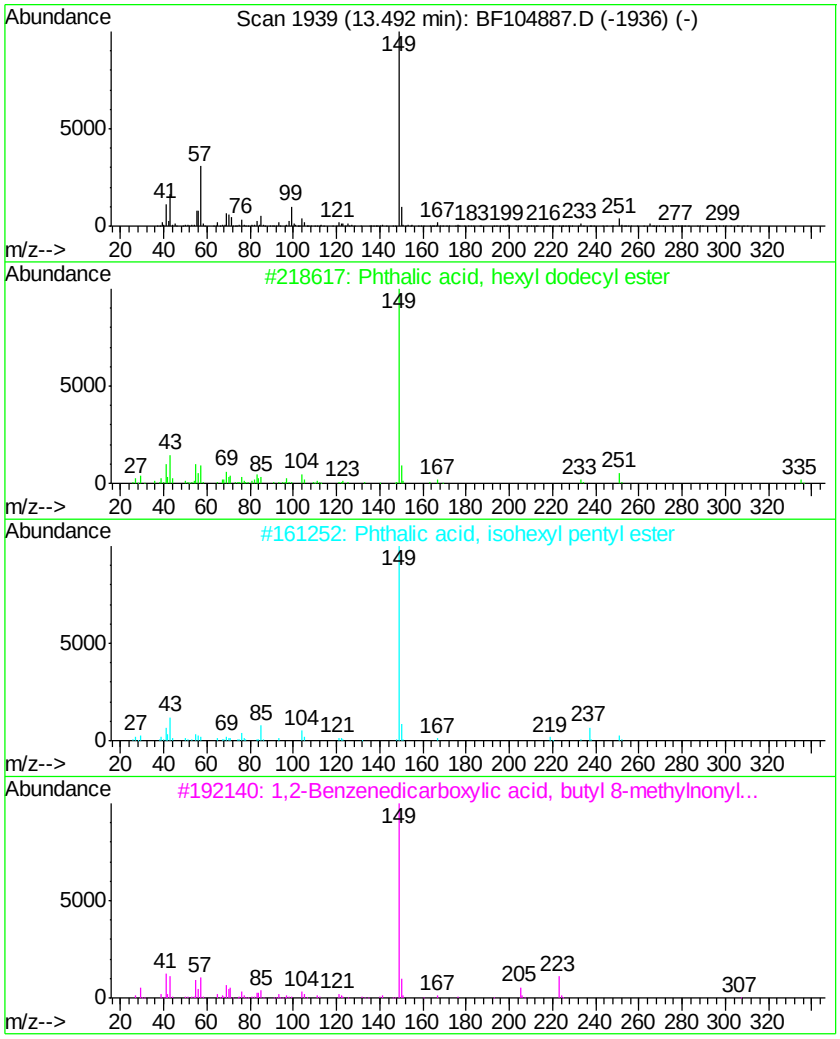
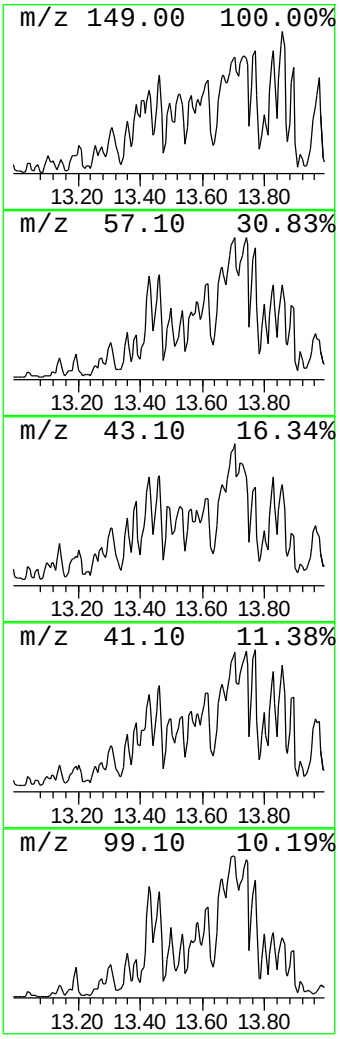
Peak Number 10 Phthalic acid, hexyl dodecy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	41.15 ng	2959720	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hexyl dodecyl ester	418	C26H42O4	1000308-91-5	80
2	Phthalic acid, isohexyl pentyl e...	320	C19H28O4	1000308-95-8	80
3	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	64
4	Phthalic acid, isohexyl isopropy...	292	C17H24O4	1000315-00-4	64
5	Phthalic acid, butyl 2-methylpen...	306	C18H26O4	1000356-90-8	64





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Acq On : 27 Apr 2018 17:57
Operator : JU/SJ
Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
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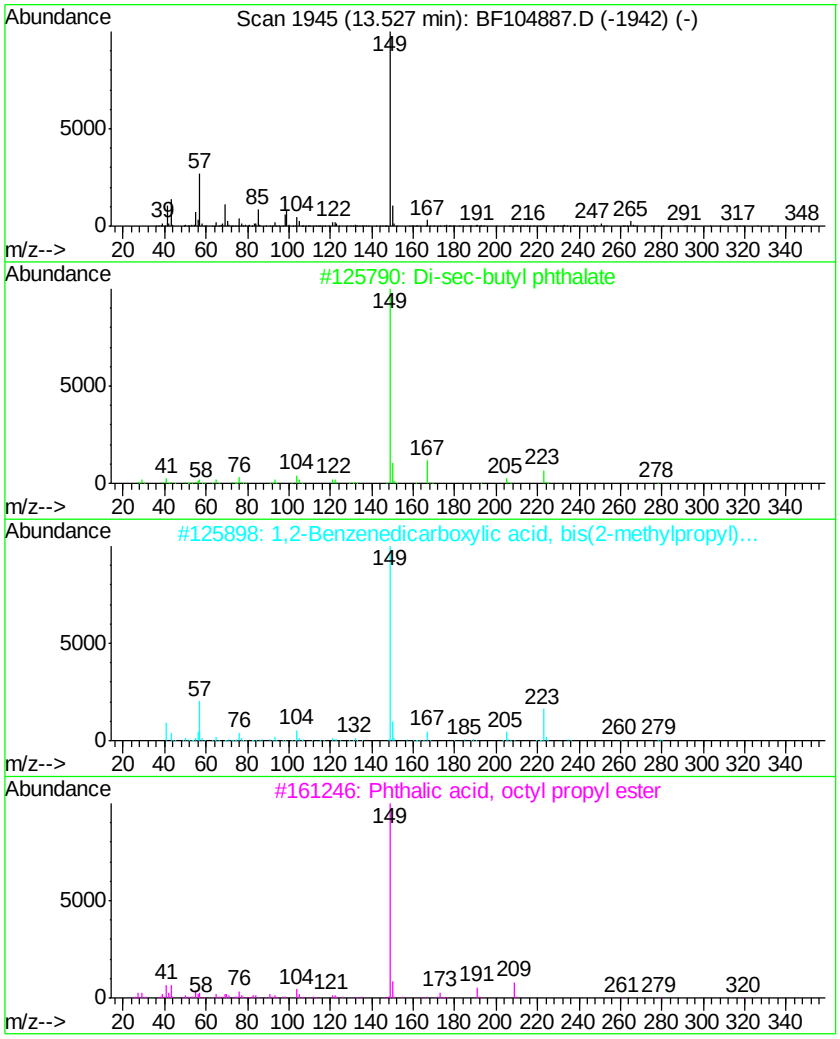
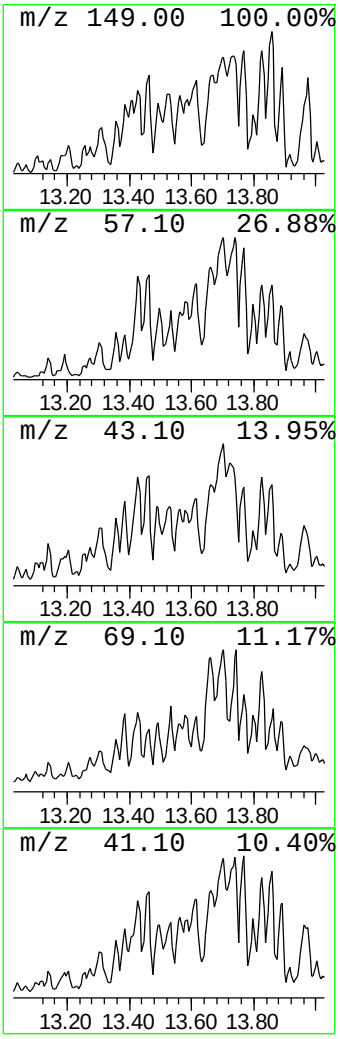
Peak Number 11 Di-sec-butyl phthalate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	31.83 ng	2289580	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl phthalate	278	C16H22O4	1000373-65-4	70
2	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	58
3	Phthalic acid, octyl propyl ester	320	C19H28O4	1000309-10-8	58
4	Phthalic acid, cyclohexyl 2-pent...	318	C19H26O4	1000315-55-3	53
5	Phthalic acid, isohexyl pentyl e...	320	C19H28O4	1000308-95-8	53





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Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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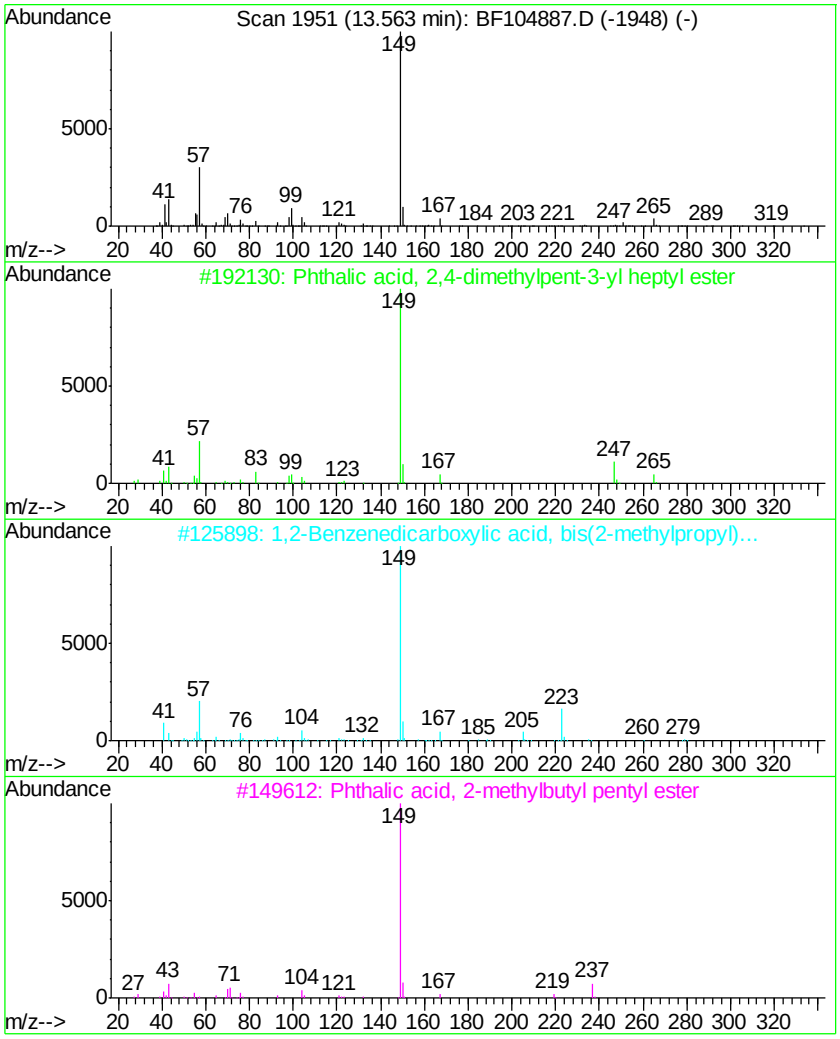
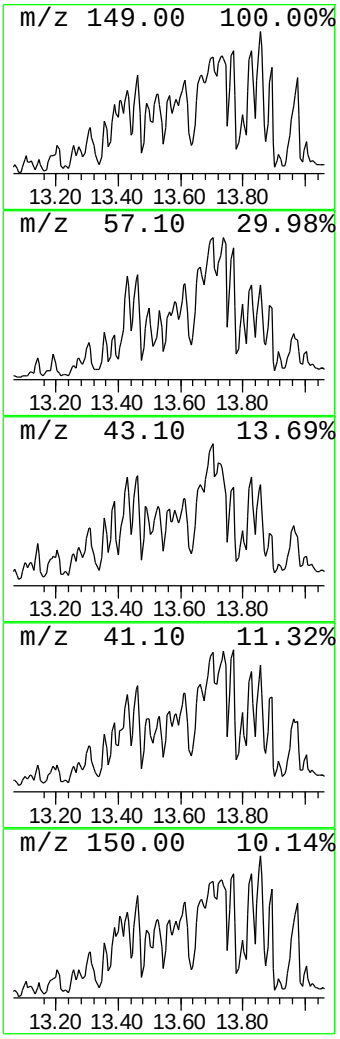
Peak Number 12 Phthalic acid, 2,4-dimethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	32.61 ng	2345970	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2,4-dimethylpent-...	362	C22H34O4	1000356-84-6	86
2	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	81
3	Phthalic acid, 2-methylbutyl pen...	306	C18H26O4	1000322-81-2	72
4	Phthalic acid, hexyl 2-methylbut...	320	C19H28O4	1000322-81-4	72
5	Phthalic acid, 2,2-dichloroethyl...	360	C17H22Cl2O4	1000356-92-8	72





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Operator : JU/SJ
Sample : J2522-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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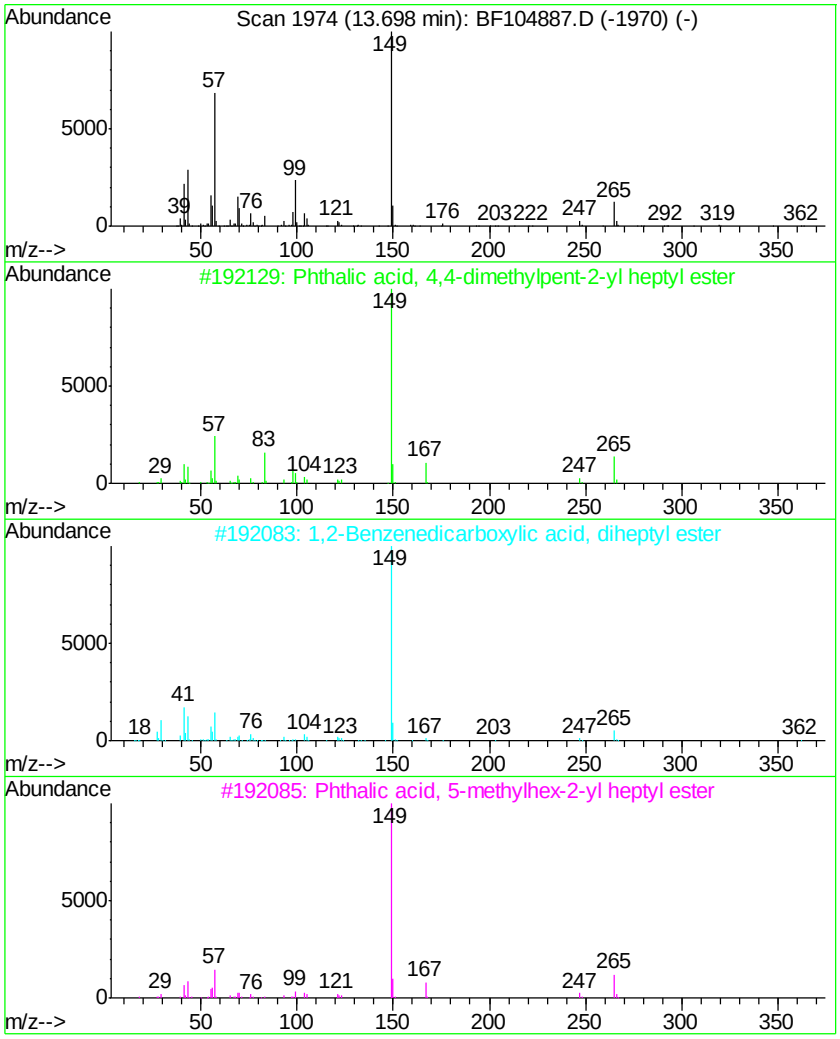
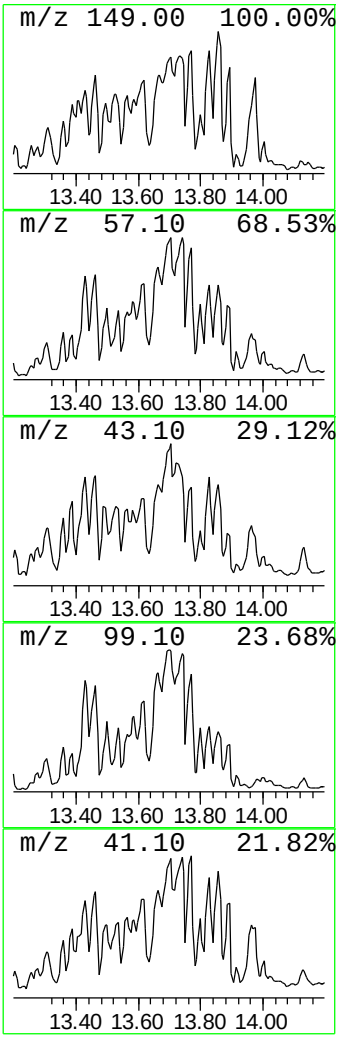
Peak Number 15 Phthalic acid, 4,4-dimethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	28.80 ng	2071410	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4,4-dimethylpent-...	362	C22H34O4	1000371-13-8	72
2	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	62
3	Phthalic acid, 5-methylhex-2-yl ...	362	C22H34O4	1000371-08-7	59
4	Phthalic acid, cycloheptyl hepty...	360	C22H32O4	1000322-83-3	59
5	Phthalic acid, 2-ethylcyclohexyl...	374	C23H34O4	1000315-35-8	53





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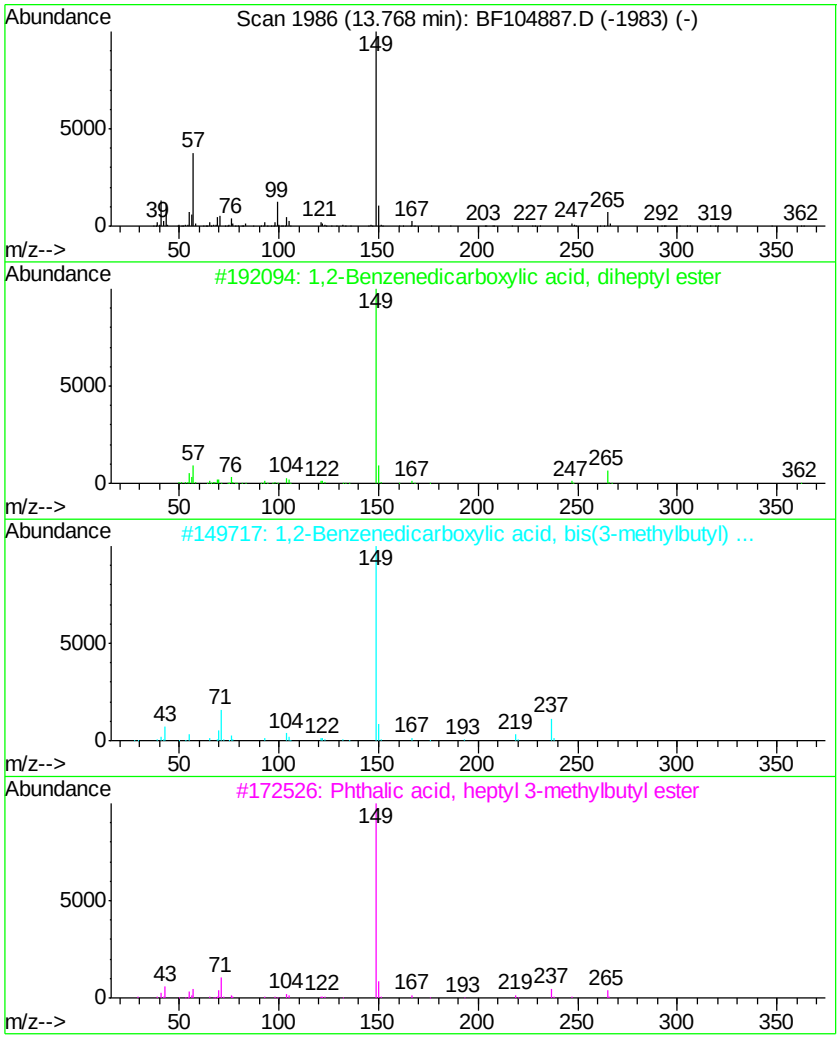
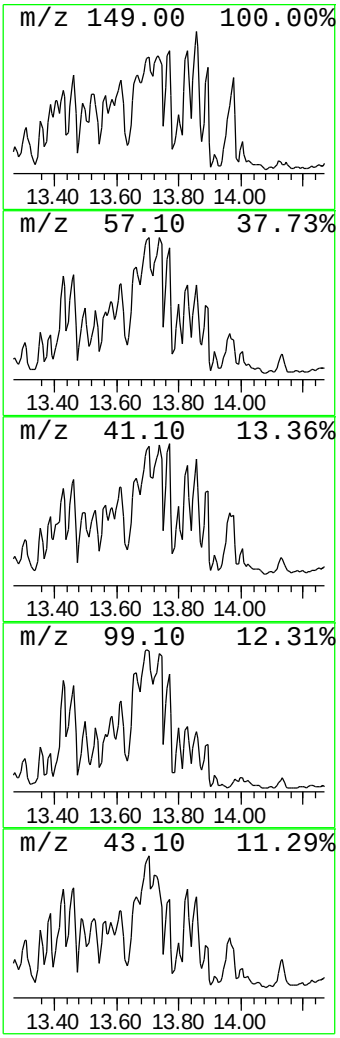
Peak Number 16 1,2-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	55.03 ng	3958400	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	87
2	1,2-Benzenedicarboxylic acid, bi...	306	C18H26O4	000605-50-5	72
3	Phthalic acid, heptyl 3-methylbu...	334	C20H30O4	1000356-80-8	72
4	Phthalic acid, propyl nonyl ester	334	C20H30O4	1000309-06-4	64
5	Phthalic acid, cyclohexyl propyl...	290	C17H22O4	1000315-33-4	64





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane, 1,1'-oxybis-	5.62	20.5	ng	694696	1	6.80	677888	20.0
1-Nonanol	6.07	100.5	ng	3406790	1	6.80	677888	20.0
2-Acetylpyrrolidine	6.09	40.2	ng	1362970	1	6.80	677888	20.0
1-Hexanol, 4-methyl-	6.15	28.3	ng	960228	1	6.80	677888	20.0
1-Heptanol	6.37	26.3	ng	891001	1	6.80	677888	20.0
unknown6.57	6.57	61.9	ng	2096510	1	6.80	677888	20.0
Phthalic acid, he...	13.20	22.0	ng	1579390	5	14.00	1438660	20.0
Phthalic acid, 2-...	13.31	27.7	ng	1991930	5	14.00	1438660	20.0
Phthalic acid, he...	13.46	53.9	ng	3879380	5	14.00	1438660	20.0
Phthalic acid, he...	13.49	41.1	ng	2959720	5	14.00	1438660	20.0
Di-sec-butyl phth...	13.53	31.8	ng	2289580	5	14.00	1438660	20.0
Phthalic acid, 2,...	13.56	32.6	ng	2345970	5	14.00	1438660	20.0
Phthalic acid, 4,...	13.70	28.8	ng	2071410	5	14.00	1438660	20.0
1,2-Benzenedicarb...	13.77	55.0	ng	3958400	5	14.00	1438660	20.0