LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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	4.346	379	384	393	rBV	542955	656256	4.18%	0.858%
2	5.022	489	499	501	rBV	1636573	2930732	18.66%	3.831%
3	5.751	617	623	626	rBV	1224296	1370457	8.73%	1.791%
4	6.057	667	675	676	rBV3	203072	301901	1.92%	0.395%
5	6.498	744	750	757	rBV3	373040	968024	6.16%	1.265%
6	6.604	763	768	771	rVV	122315	181223	1.15%	0.237%
7	6.663	775	778	785	rVB	249550	232551	1.48%	0.304%
8	6.798	797	801	807	rBV	557921	517694	3.30%	0.677%
9	6.887	807	816	819	rVV	4482333	8332358	53.06%	10.891%
10	6.951	824	827	832	rVV2	1469742	1860104	11.84%	2.431%
11	7.263	877	880	883	rBV	445517	356262	2.27%	0.466%
12	7.322	886	890	892	rVV	1043638	1026557	6.54%	1.342%
13	7.363	892	897	901	rVV2	2001043	2531363	16.12%	3.309%
14	7.504	918	921	925	rVV3	230234	381074	2.43%	0.498%
15	7.545	925	928	932	rVB	463776	460299	2.93%	0.602%
16	7.587	932	935	937	rBV2	734666	751738	4.79%	0.983%
17	7.616	939	940	943	rVV2	573394	464191	2.96%	0.607%
18	7.640	943	944	950	rVB3	194988	187800	1.20%	0.245%
19	7.692	950	953	954	rBV	210744	170202	1.08%	0.222%
20	7.710	954	956	960	rVB	227849	207671	1.32%	0.271%
21	7.804	968	972	981	rBV	870431	965863	6.15%	1.262%
22	7.963	995	999	1003	rBV4	202443	359988	2.29%	0.471%
23	8.010	1003	1007	1010	rVV2	209940	398561	2.54%	0.521%
24	8.081	1014	1019	1022	rVB	810371	821284	5.23%	1.073%
25	8.245	1041	1047	1049	rBV3	179303	294228	1.87%	0.385%
26	8.592	1103	1106	1108	rVV	156572	191427	1.22%	0.250%
27	9.157	1196	1202	1205	rBV	2402627	1990912	12.68%	2.602%
28	9.839	1314	1318	1322	rVB	742082	689520	4.39%	0.901%
29	10.733	1467	1470	1479	rVB	213230	268796	1.71%	0.351%
30	10.833	1479	1487	1491	rBV3	135447	192363	1.22%	0.251%
31	10.922	1499	1502	1507	rVB	693681	571962	3.64%	0.748%
32	11.116	1532	1535	1539	rVB2	165692	172760	1.10%	0.226%
33	11.180	1543	1546	1549	rBV	319610	273952	1.74%	0.358%
34	11.275	1559	1562	1565	rVB	204652	159466	1.02%	0.208%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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	11.328	1568	1571	1574	rBV	635616	549177	3.50%	0.718%
36	11.428	1585	1588	1593	rBV	362003	315856	2.01%	0.413%
37	11.886	1663	1666	1668	rVB	399551	341584	2.18%	0.446%
38	12.780	1815	1818	1821	rBV	279175	259223	1.65%	0.339%
39	12.916	1837	1841	1844	rVB	1658537	1373532	8.75%	1.795%
40	13.439	1918	1930	1932	rBV2	5408365	15704564	100.00%	20.526%
41	13.480	1933	1937	1940	rVV	3040534	2994267	19.07%	3.914%
42	13.598	1954	1957	1960	rVB	241644	280771	1.79%	0.367%
43	13.639	1961	1964	1966	rBV	524661	440706	2.81%	0.576%
44	13.669	1966	1969	1971	rVV	830951	793691	5.05%	1.037%
45	13.692	1971	1973	1978	rVV2	1551767	1802868	11.48%	2.356%
46	13.739	1978	1981	1984	rVB	409827	339258	2.16%	0.443%
47	13.774	1984	1987	1989	rBV2	303671	306304	1.95%	0.400%
48	13.804	1989	1992	1995	rVV2	798398	959769	6.11%	1.254%
49	13.827	1995	1996	2001	rVV2	447092	553579	3.52%	0.724%
50	13.869	2001	2003	2005	rVB	229494	165473	1.05%	0.216%
51	13.951	2013	2017	2021	rBV	3019716	3208038	20.43%	4.193%
52	13.986	2021	2023	2026	rVB	492476	384460	2.45%	0.503%
53	14.127	2043	2047	2052	rBV3	257680	462942	2.95%	0.605%
54	14.174	2052	2055	2057	rBV	680203	668128	4.25%	0.873%
55	14.221	2061	2063	2065	rBV	199960	168189	1.07%	0.220%
56	14.251	2065	2068	2069	rBV	479338	475059	3.02%	0.621%
57	14.327	2078	2081	2083	rBV	941322	1135934	7.23%	1.485%
58	14.410	2089	2095	2097	rBV	1176071	2076496	13.22%	2.714%
59	14.439	2097	2100	2102	rVV	725681	704313	4.48%	0.921%
60	14.469	2102	2105	2107	rBV2	1325128	1804175	11.49%	2.358%
61	14.580	2115	2124	2126	rBV4	2147134	6256279	39.84%	8.177%
62	15.510	2280	2282	2289	rVB	391159	486995	3.10%	0.637%
63	15.880	2342	2345	2351	rVB	179303	258171	1.64%	0.337%

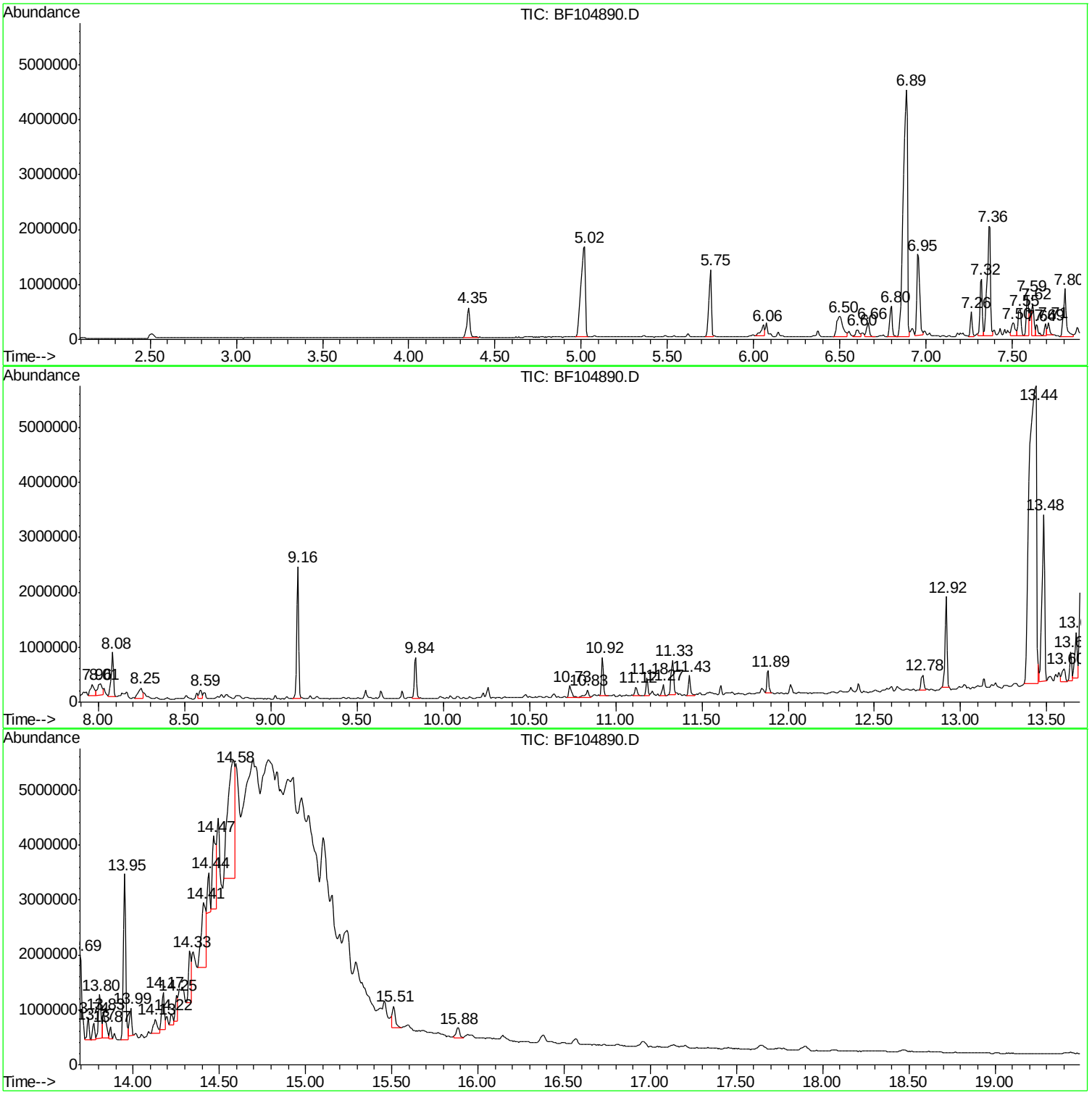
Sum of corrected areas: 76509340

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

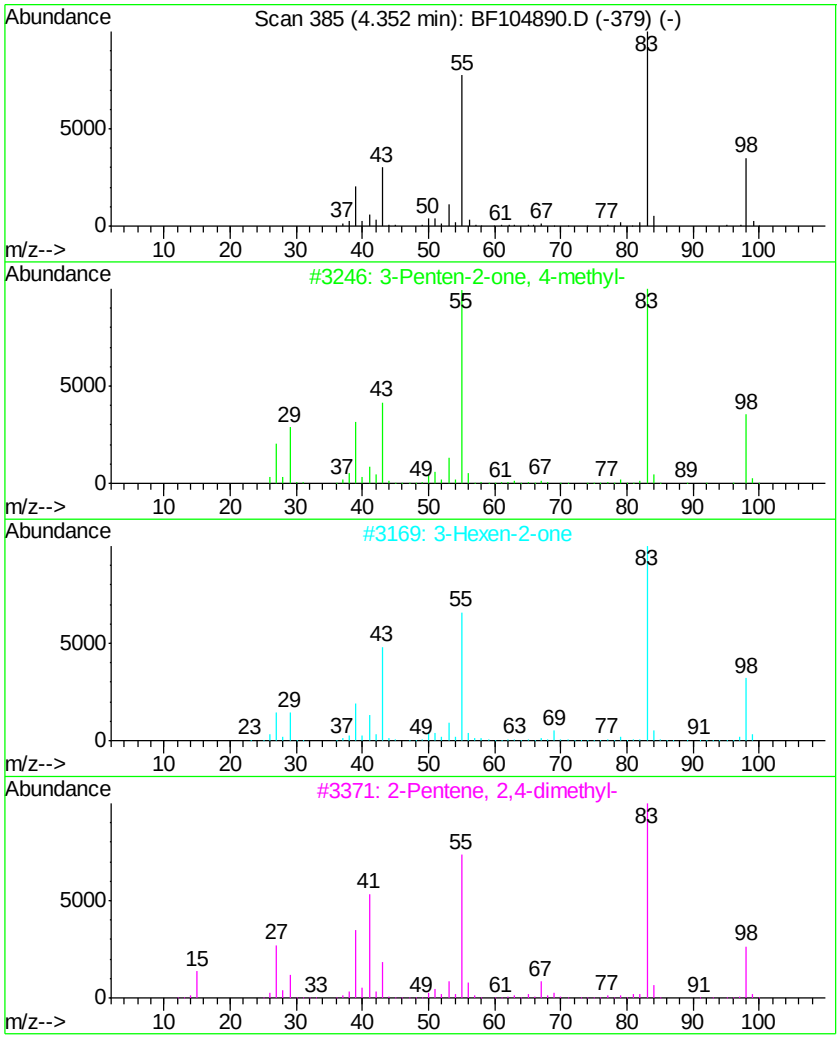
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

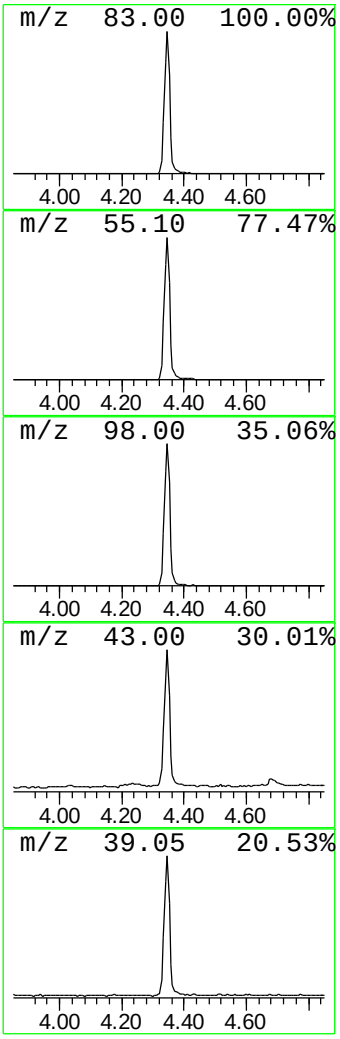
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	25.35 ng	656256	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

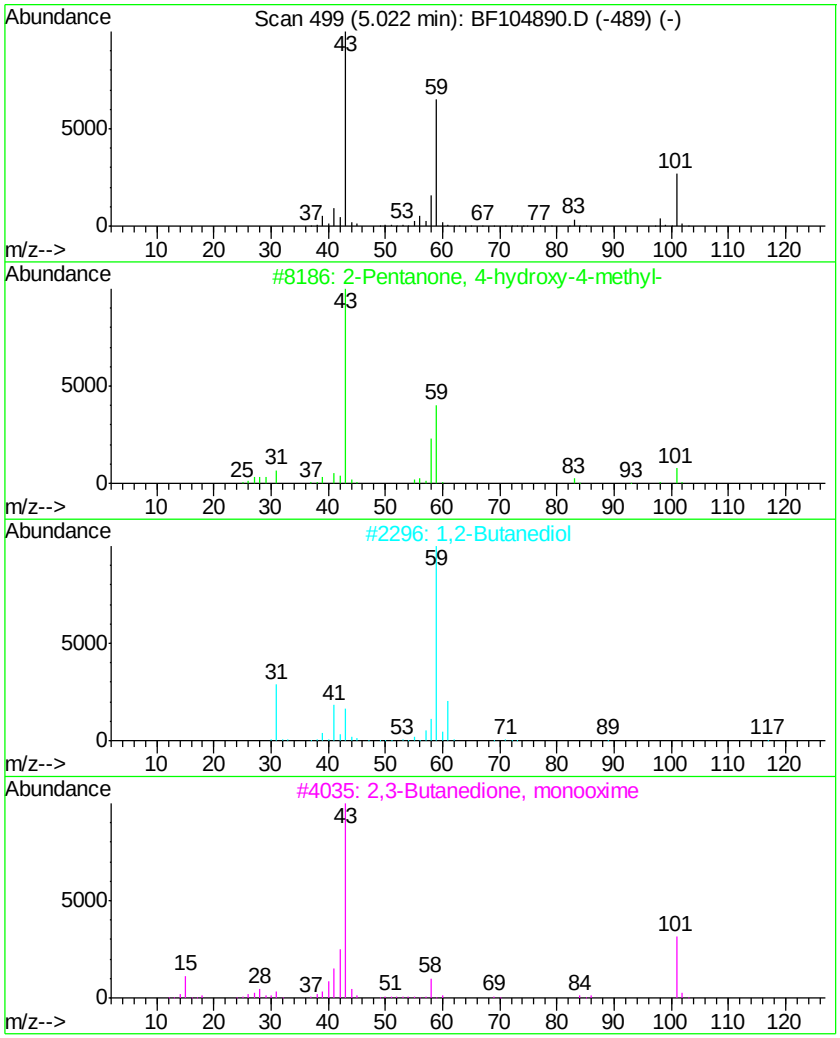
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

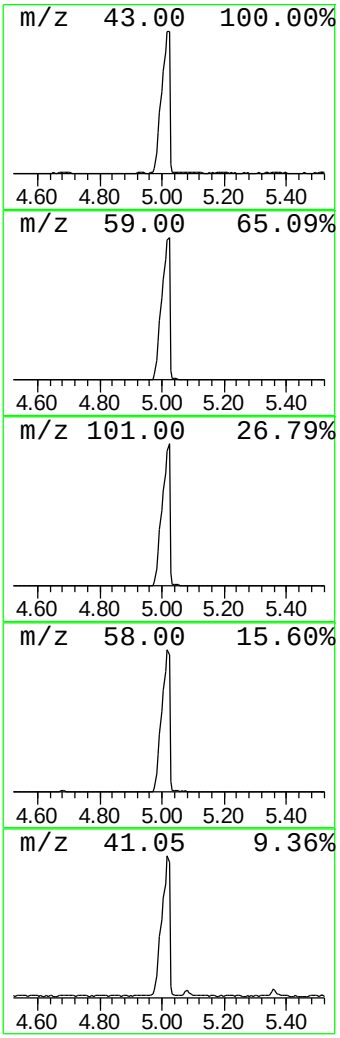
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	113.22 ng	2930730	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,2-Butanediol	90	C4H10O2	000584-03-2	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

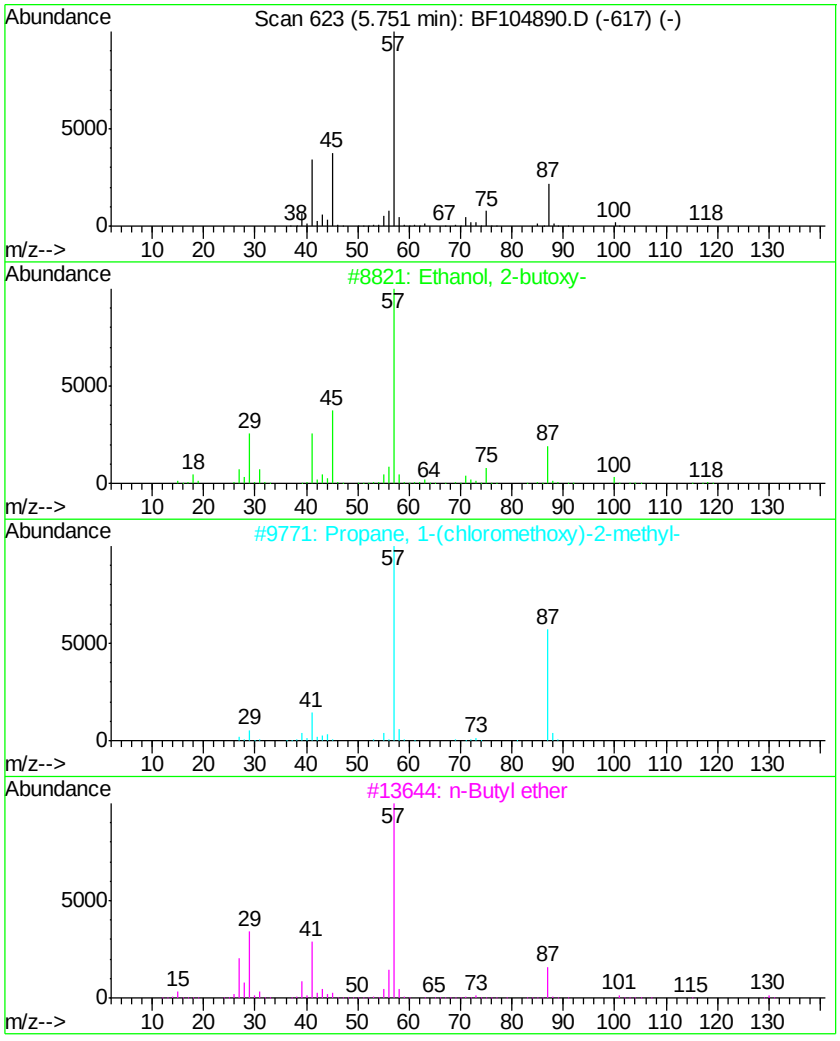
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

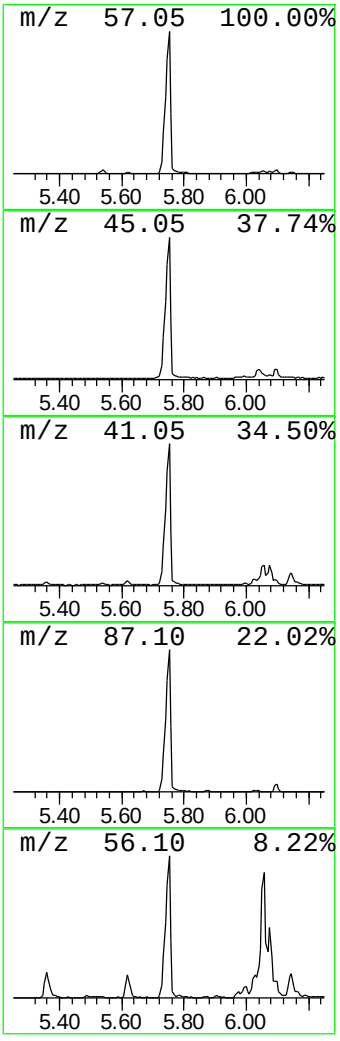
****

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	52.94 ng	1370460	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	43
3	n-Butyl ether	130	C8H18O	000142-96-1	37
4	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	36
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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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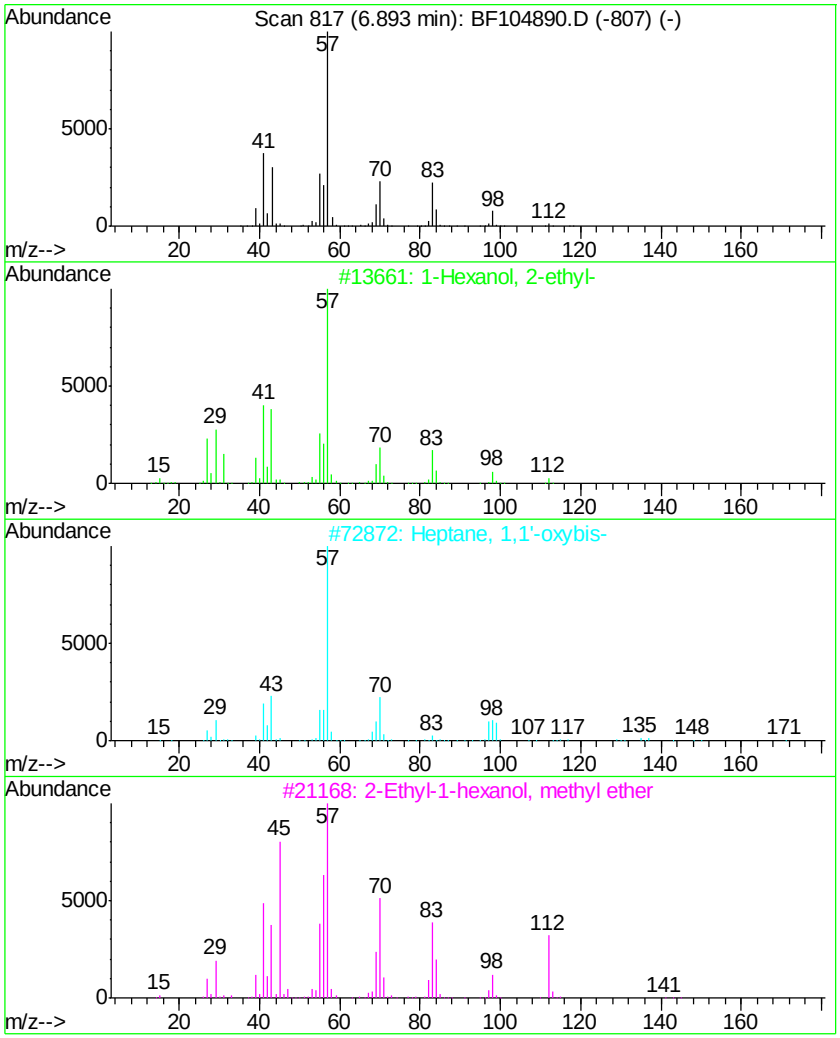
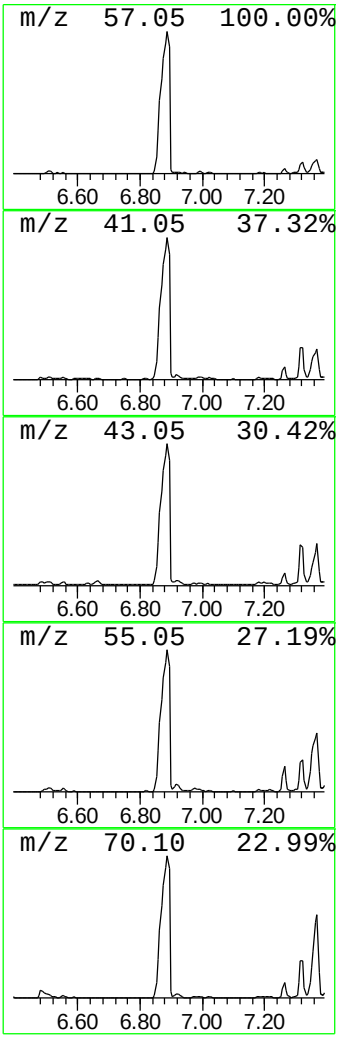
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	321.90 ng	8332360	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
3	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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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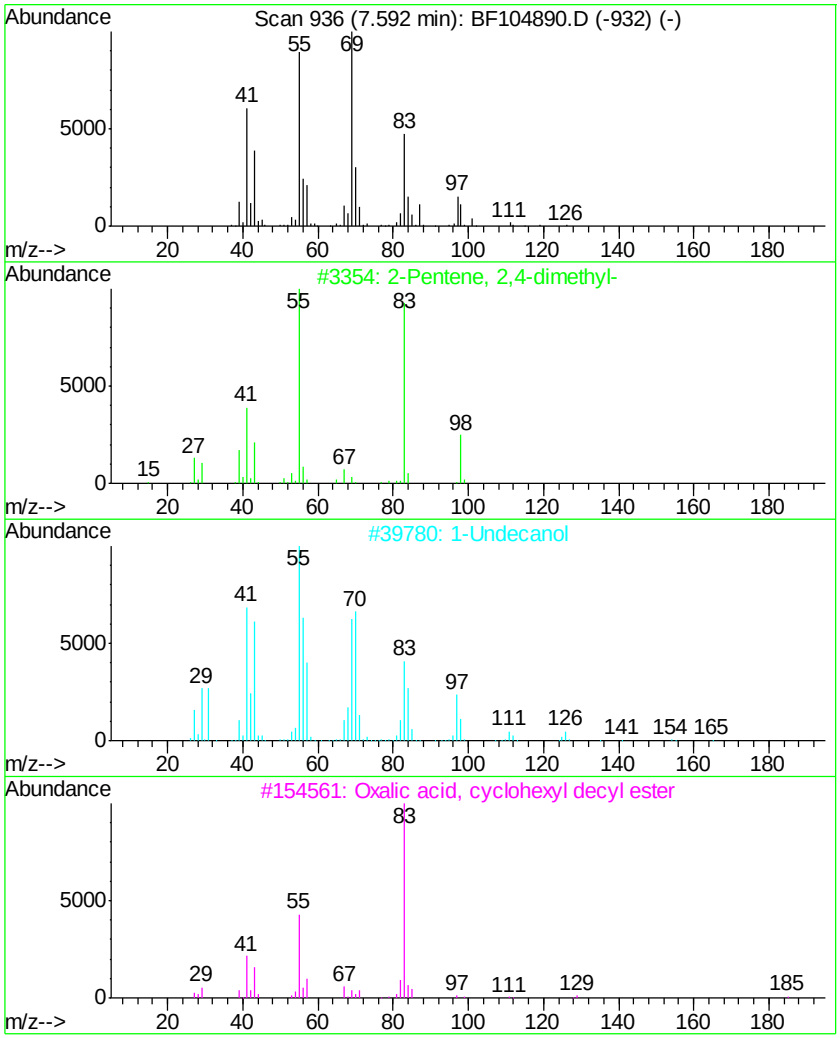
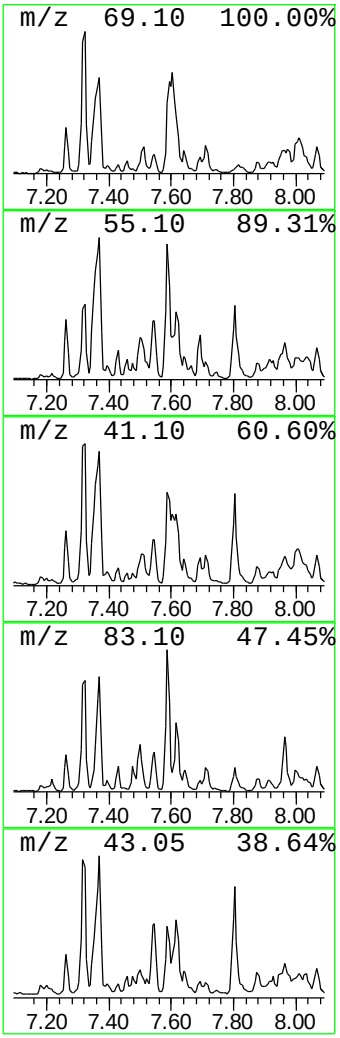
Peak Number 5 unknown7.59 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	18.31 ng	751738	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	43
2	1-Undecanol	172	C11H24O	000112-42-5	43
3	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	43
4	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	43
5	Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1000309-30-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

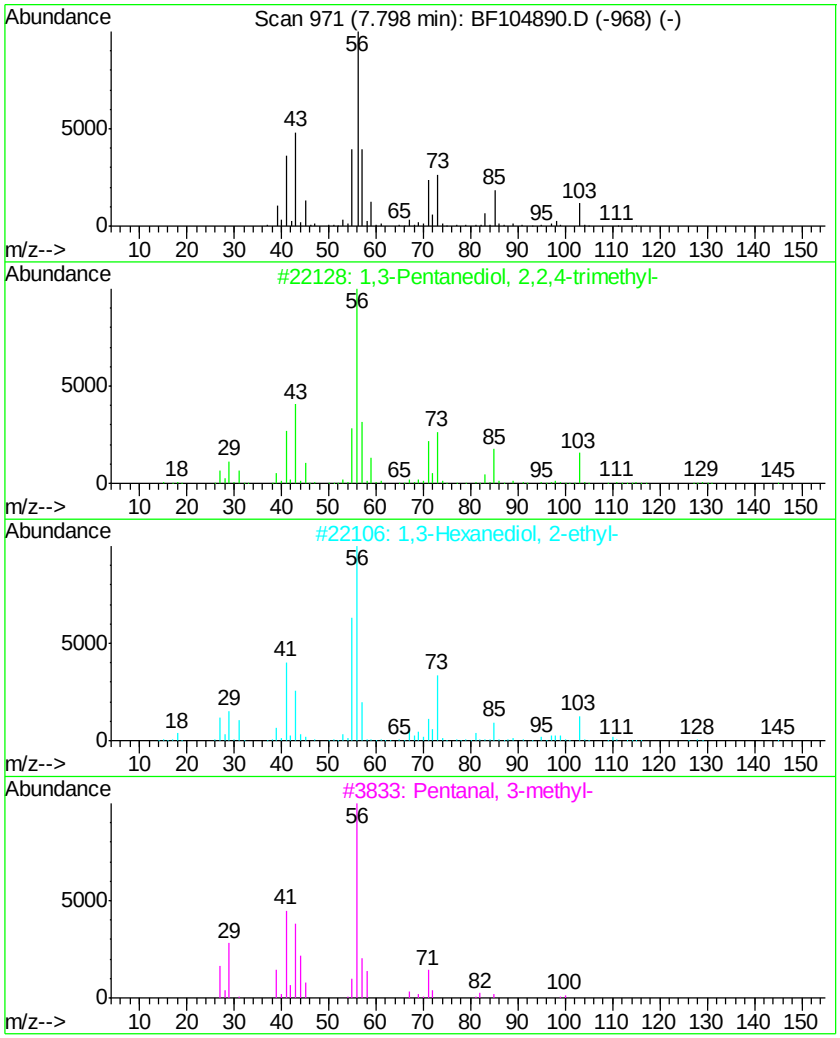
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

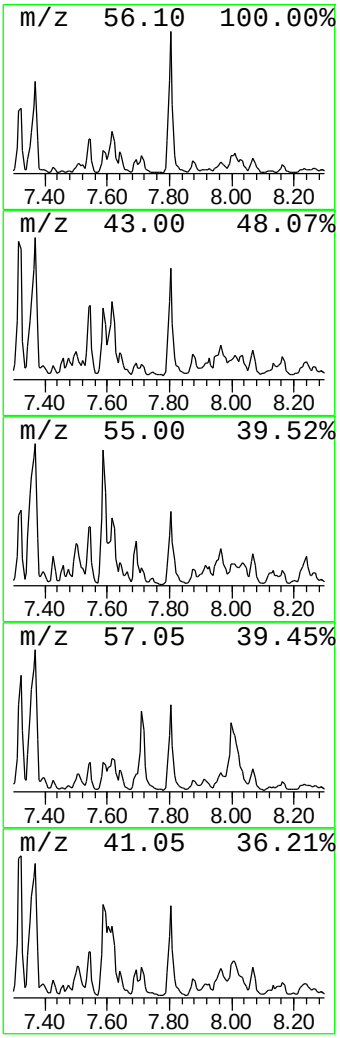
****

Peak Number 6 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	23.52 ng	965863	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	86
2	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	33
3	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	25
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	23
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

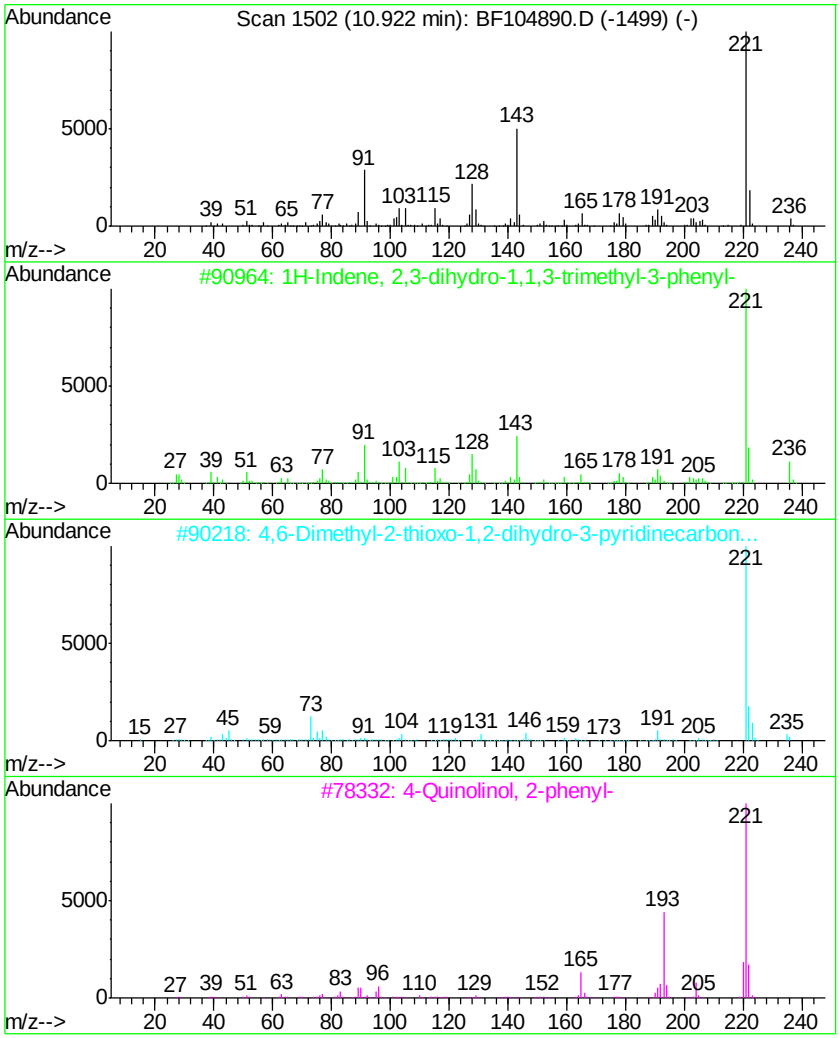
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

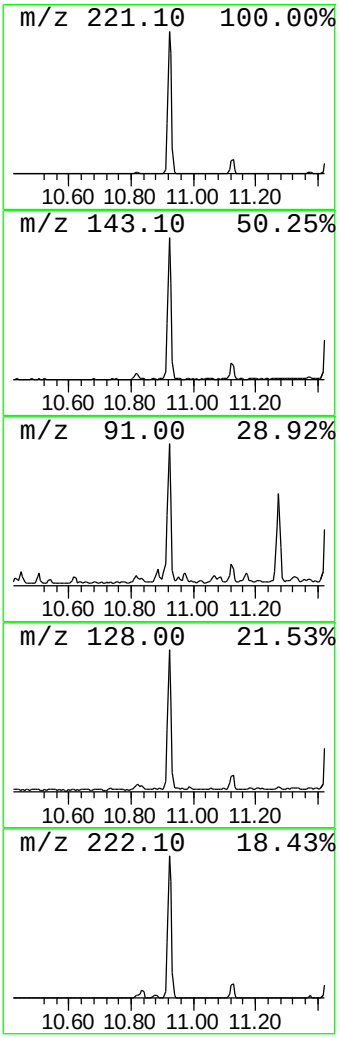
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	20.83 ng	571962	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	90
2	4,6-Dimethyl-2-thioxo-1,2-dihydr...	236	C11H16N2SSi	1000332-43-1	43
3	4-Quinolinol, 2-phenyl-	221	C15H11NO	001144-20-3	38
4	Oxazole, 2,5-diphenyl-	221	C15H11NO	000092-71-7	38
5	Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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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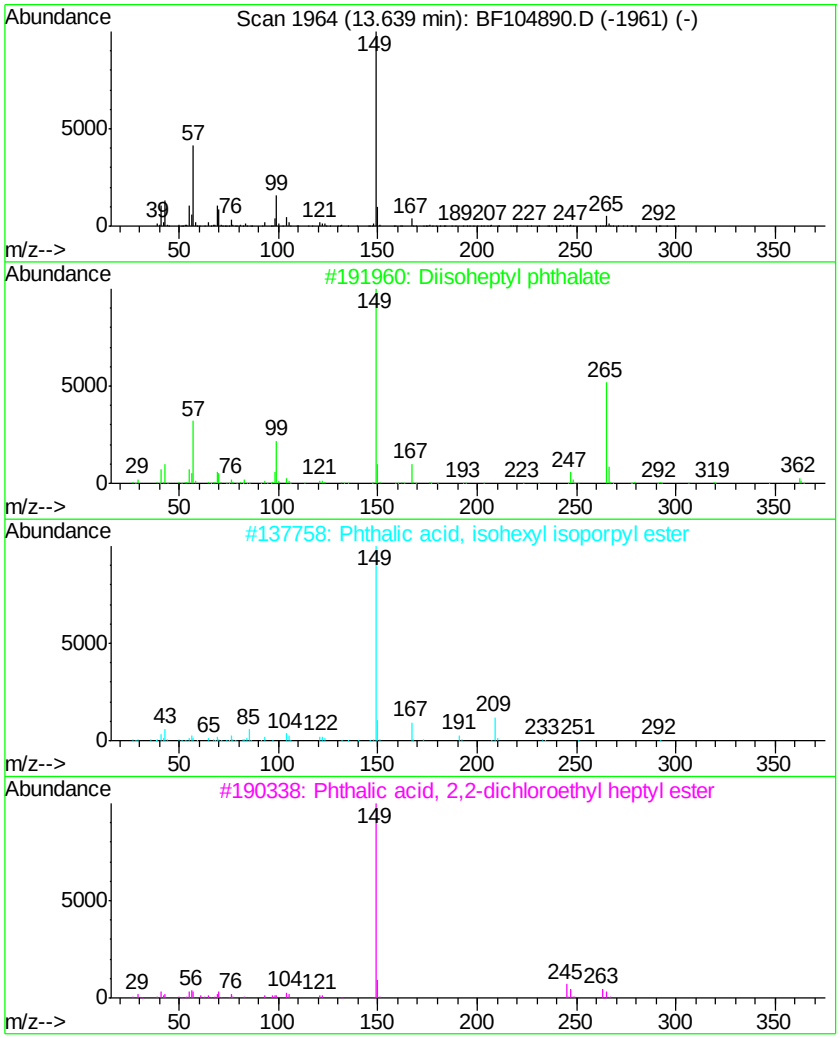
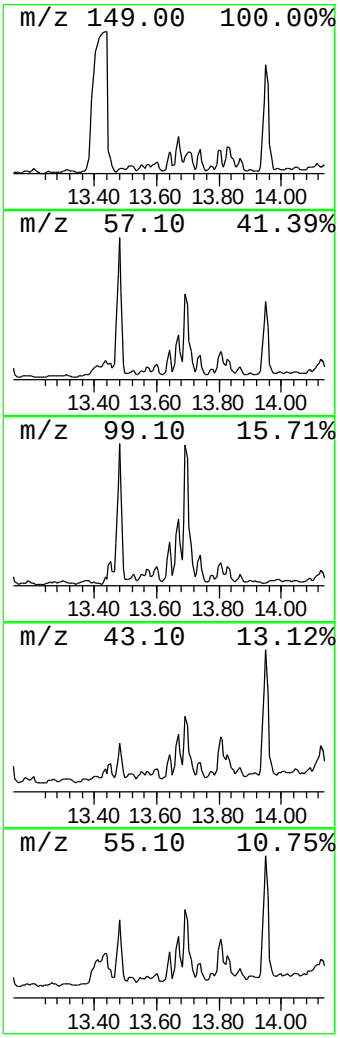
Peak Number 8 Diisoheptyl phthalate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	22.93 ng	440706	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisoheptyl phthalate	362	C22H34O4	041451-28-9	72
2	Phthalic acid, isohexyl isoporpy...	292	C17H24O4	1000315-00-4	68
3	Phthalic acid, 2,2-dichloroethyl...	360	C17H22Cl2O4	1000356-92-8	64
4	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	64
5	Phthalic acid, hept-3-yl isobuty...	320	C19H28O4	1000356-98-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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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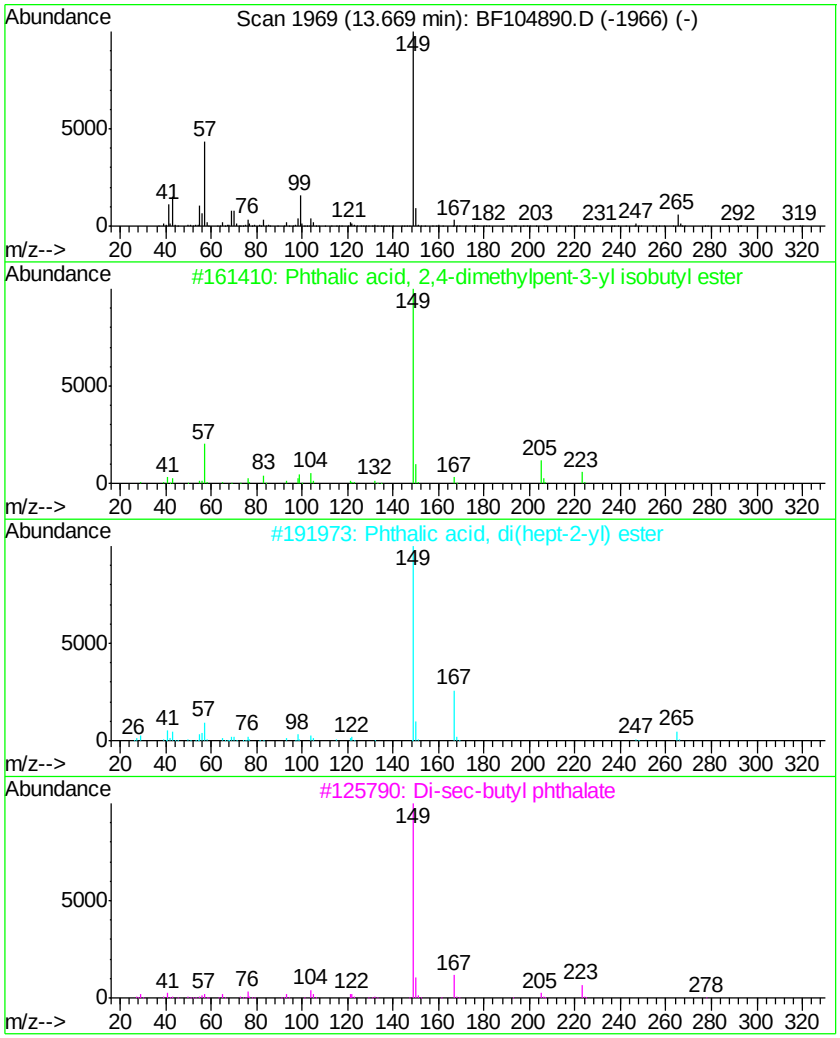
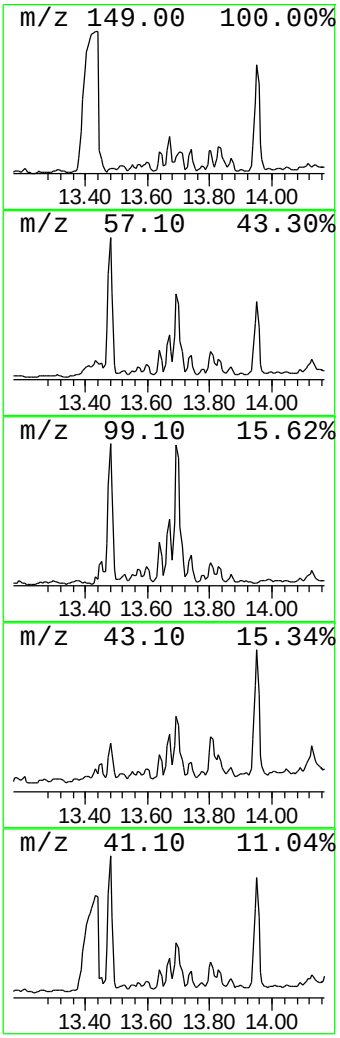
Peak Number 9 Phthalic acid, 2,4-dimethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	41.29 ng	793691	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2,4-dimethylpent-...	320	C19H28O4	1000356-84-3	72
2	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	72
3	Di-sec-butyl phthalate	278	C16H22O4	1000373-65-4	68
4	Phthalic acid, hept-4-yl isohexy...	348	C21H32O4	1000356-78-6	64
5	Phthalic acid, 2,2-dichloroethyl...	444	C23H34Cl2O4	1000356-93-4	64





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Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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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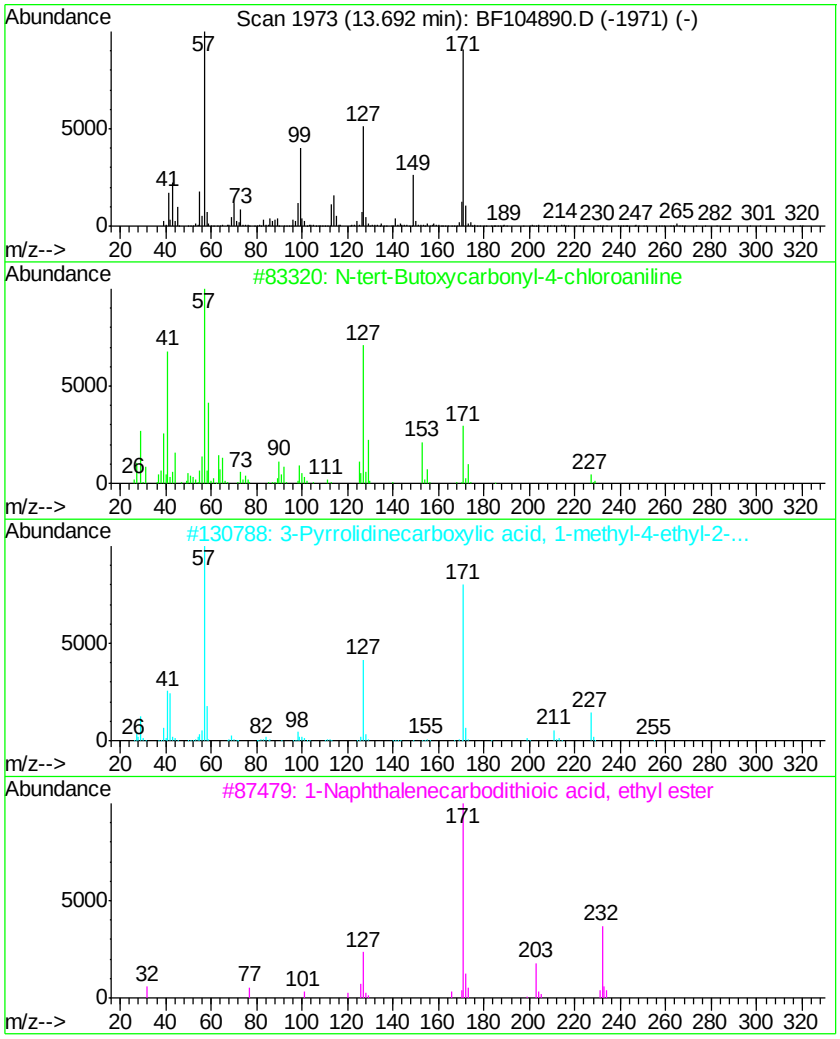
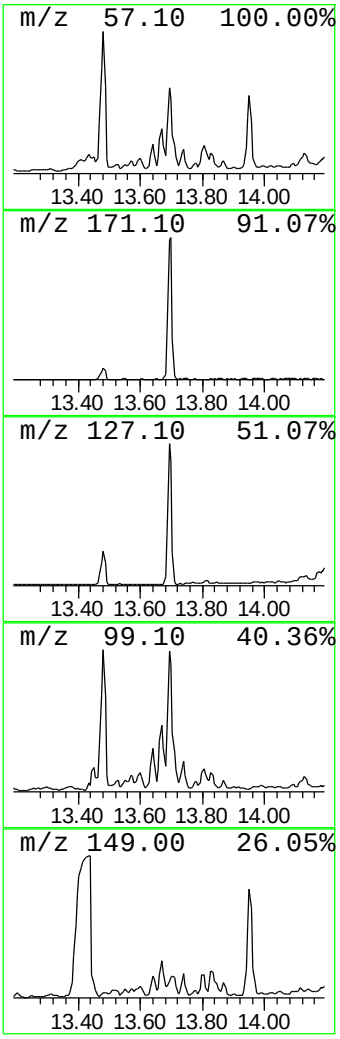
Peak Number 10 unknown13.69 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	93.79 ng	1802870	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-tert-Butoxycarbonyl-4-chloroan...	227	C11H14ClNO2	018437-66-6	47
2	3-Pyrrolidinecarboxylic acid, 1-...	284	C15H28N2O3	1000196-95-3	38
3	1-Naphthalenecarbodithioic acid,...	232	C13H12S2	020876-72-6	37
4	1-(1-Butoxypropan-2-yloxy)propan...	302	C17H34O4	1000367-12-8	27
5	2,6-Difluorophenyl isocyanate	171	C7H3F2NS	065295-69-4	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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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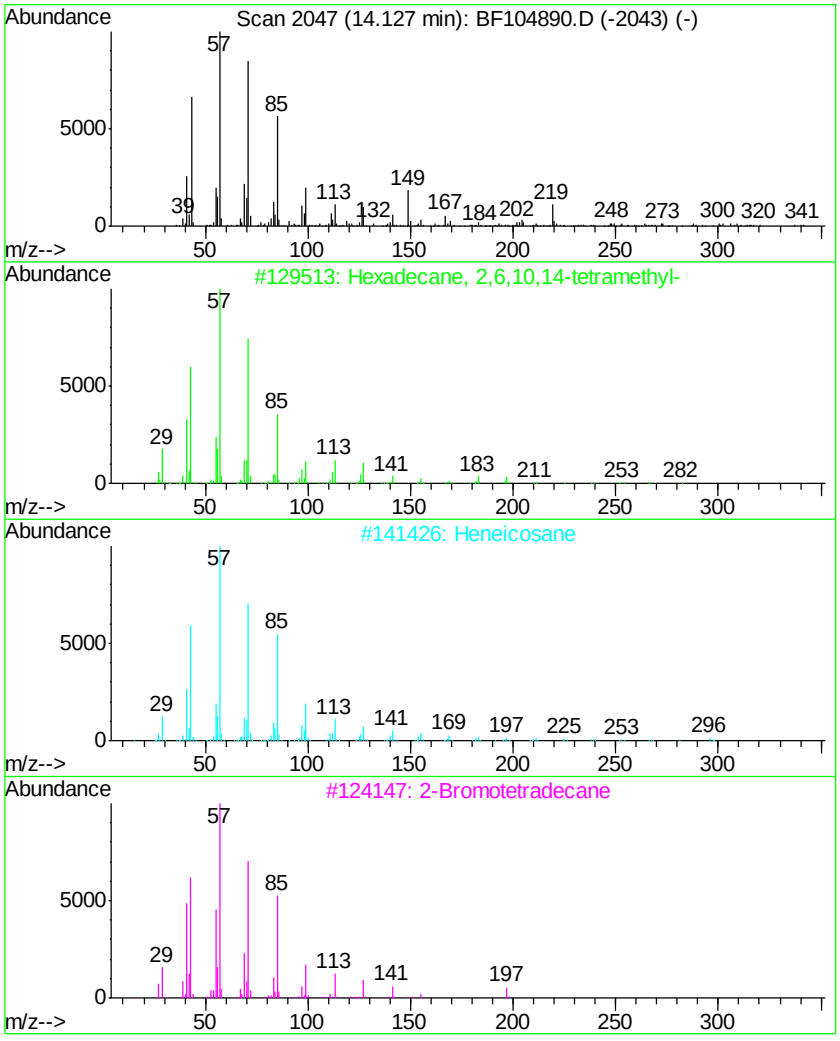
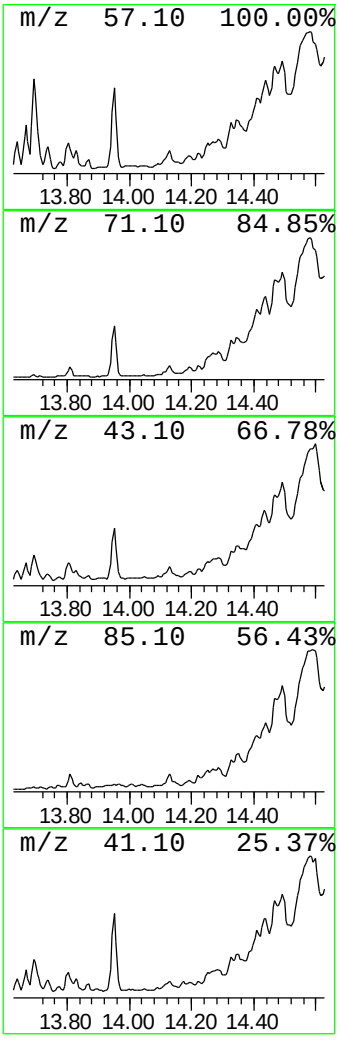
Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	24.08 ng	462942	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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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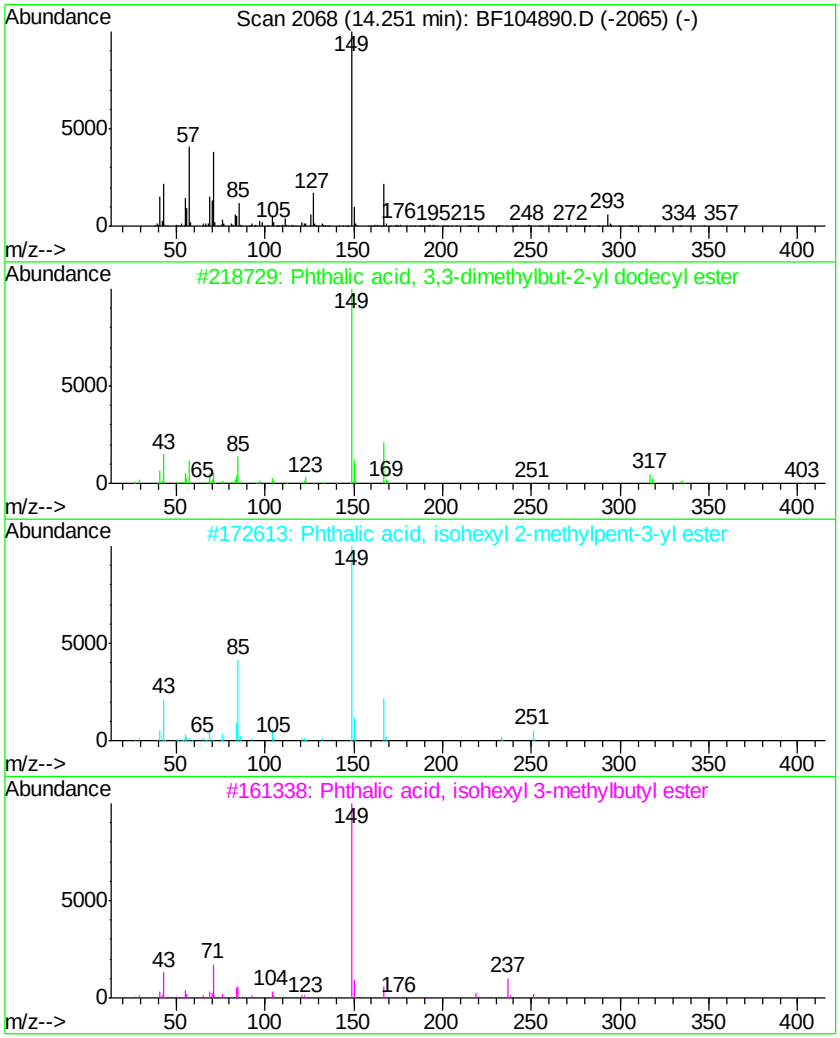
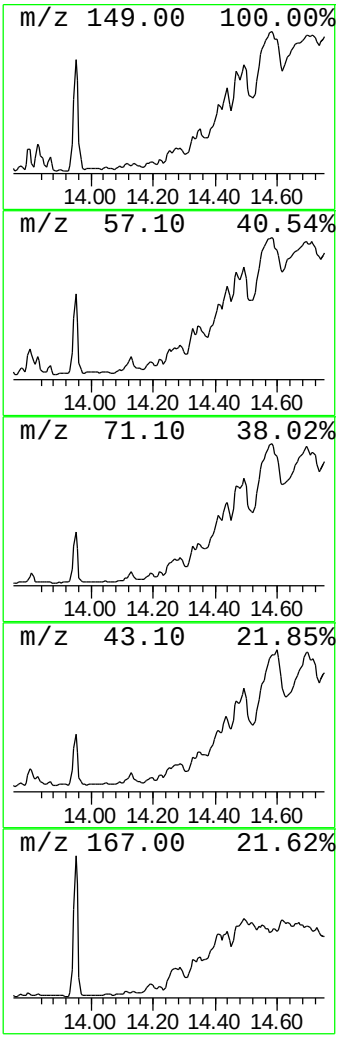
Peak Number 15 Phthalic acid, 3,3-dimethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	24.71 ng	475059	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3,3-dimethylbut-2...	418	C26H42O4	1000357-01-1	59
2	Phthalic acid, isohexyl 2-methyl...	334	C20H30O4	1000356-91-0	50
3	Phthalic acid, isohexyl 3-methyl...	320	C19H28O4	1000356-80-6	50
4	2-(Nonyloxycarbonyl)benzoic acid	292	C17H24O4	1000373-89-9	50
5	Phthalic acid, isobutyl 2-methyl...	306	C18H26O4	1000356-90-7	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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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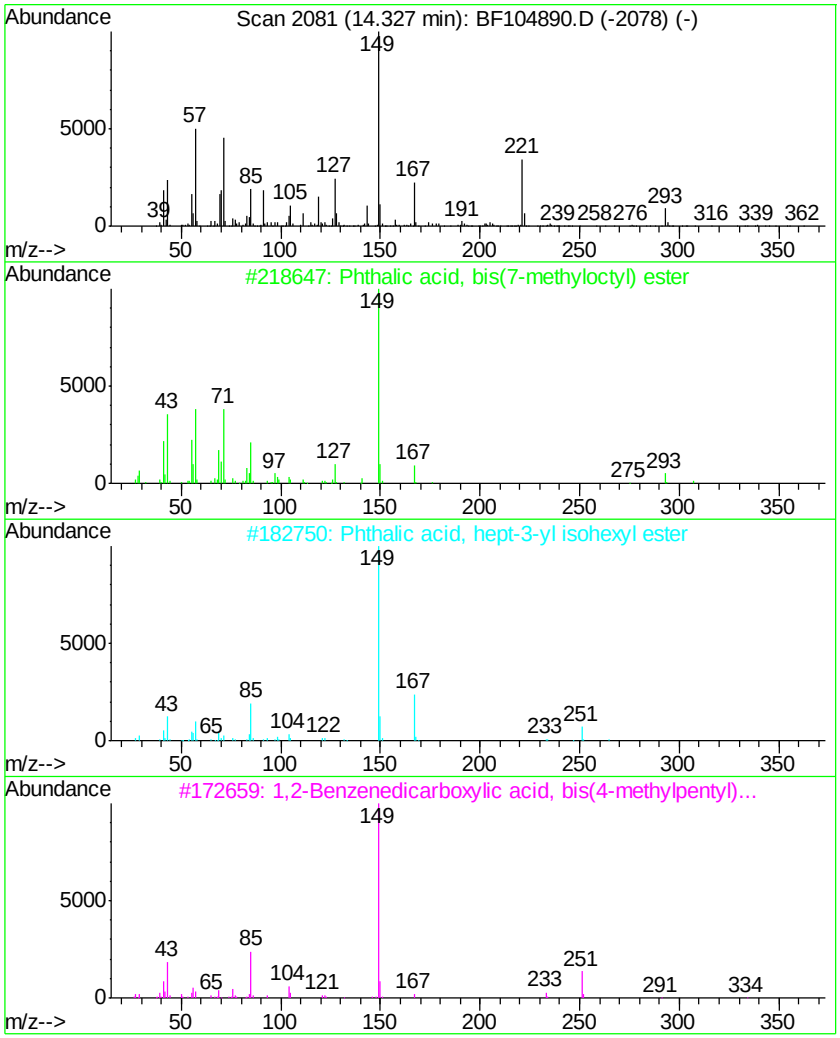
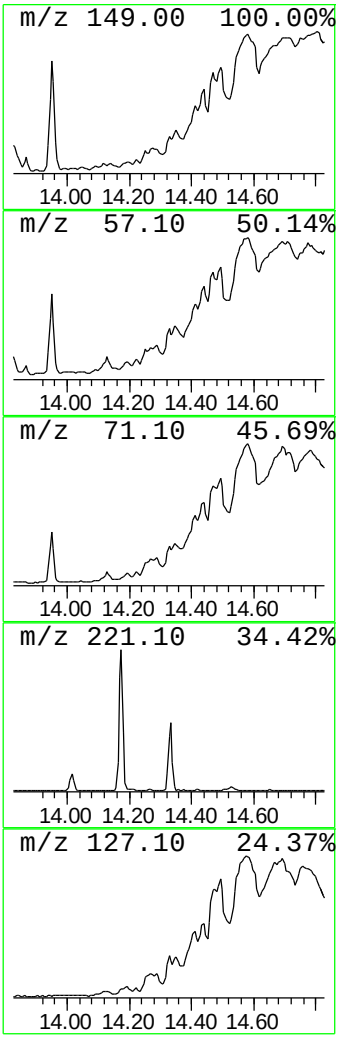
Peak Number 16 Phthalic acid, bis(7-methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	59.09 ng	1135930	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	58
2	Phthalic acid, hept-3-yl isohexy...	348	C21H32O4	1000356-98-9	46
3	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	46
4	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	46
5	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	46





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Acq On : 27 Apr 2018 19:18
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Sample : J2522-04
Misc :
ALS Vial : 12 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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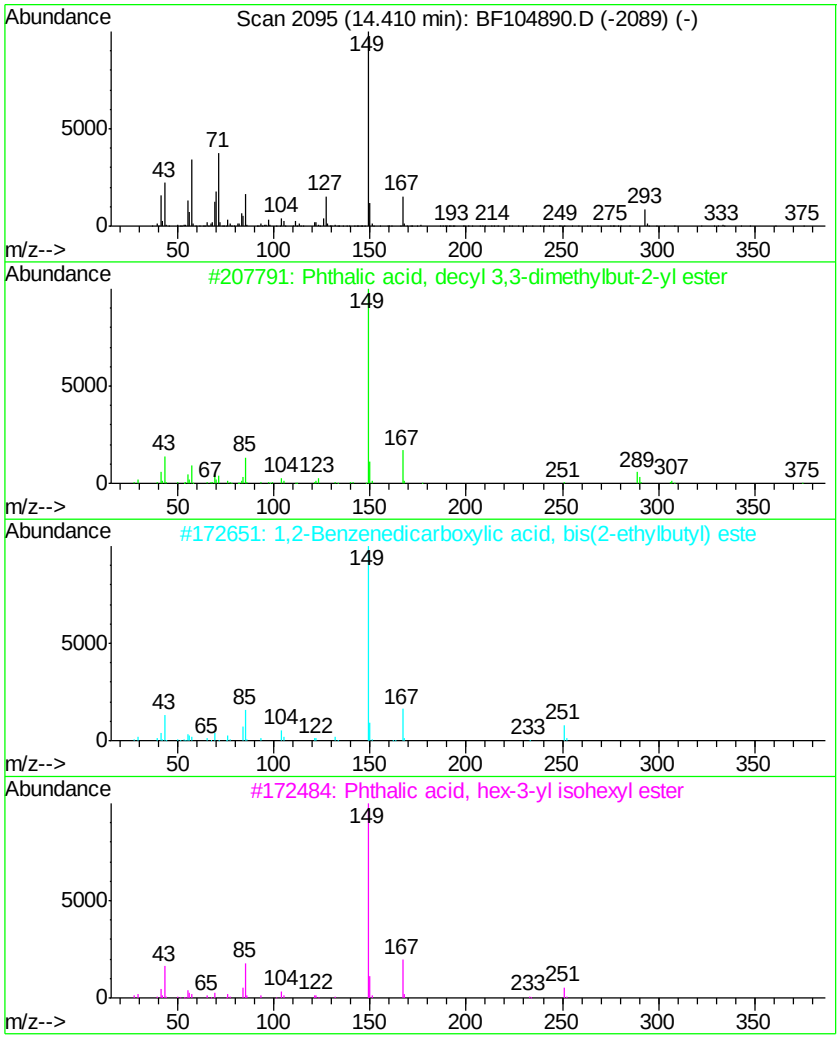
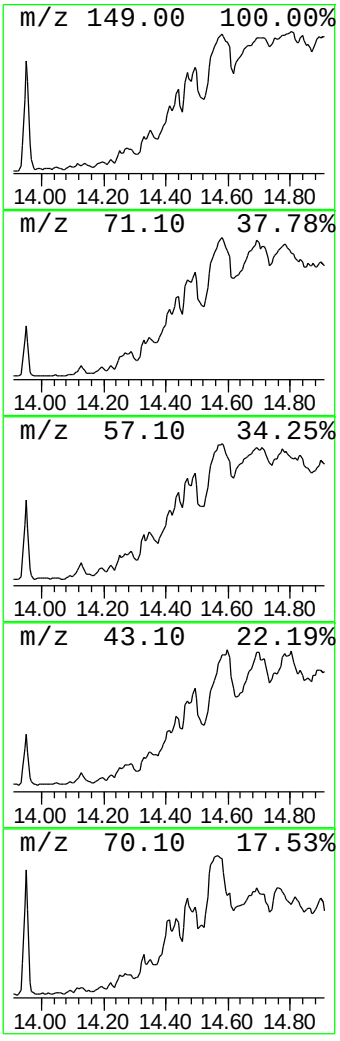
Peak Number 17 Phthalic acid, decyl 3,3-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	108.02 ng	2076500	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, decyl 3,3-dimethy...	390	C24H38O4	1000357-00-9	59
2	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	007299-89-0	58
3	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	58
4	Phthalic acid, decyl isohexyl ester	390	C24H38O4	1000308-98-4	53
5	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	53





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Data File : BF104890.D
Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
Misc :
ALS Vial : 12 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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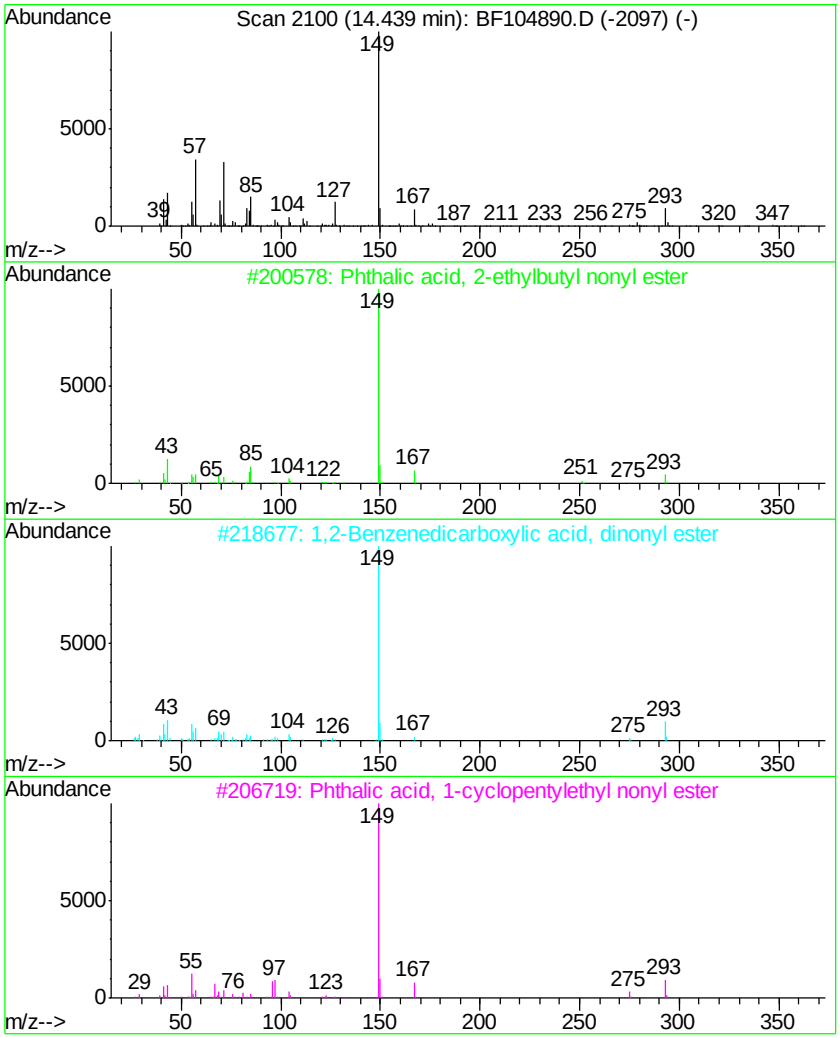
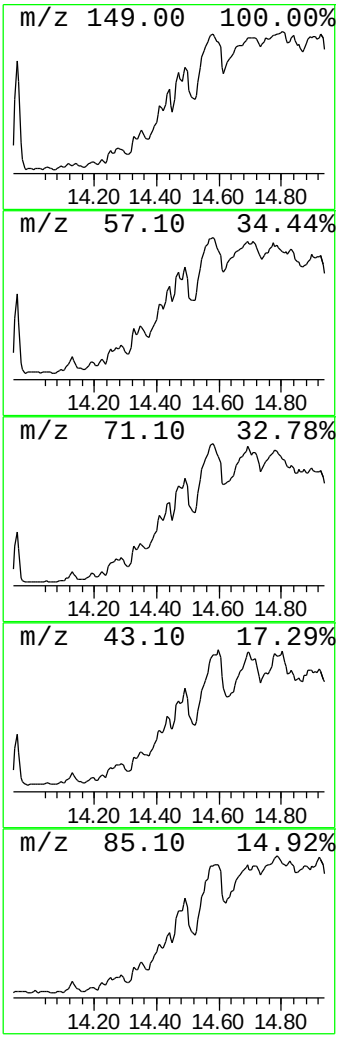
Peak Number 18 Phthalic acid, 2-ethylbutyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	36.64 ng	704313	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-ethylbutyl nonyl...	376	C23H36O4	1000356-89-4	58
2	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	53
3	Phthalic acid, 1-cyclopentylethy...	388	C24H36O4	1000309-73-8	53
4	Phthalic acid, nonyl trans-hex-3...	374	C23H34O4	1000360-48-7	53
5	Phthalic acid, decyl undecyl ester	460	C29H48O4	1000308-91-9	50





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

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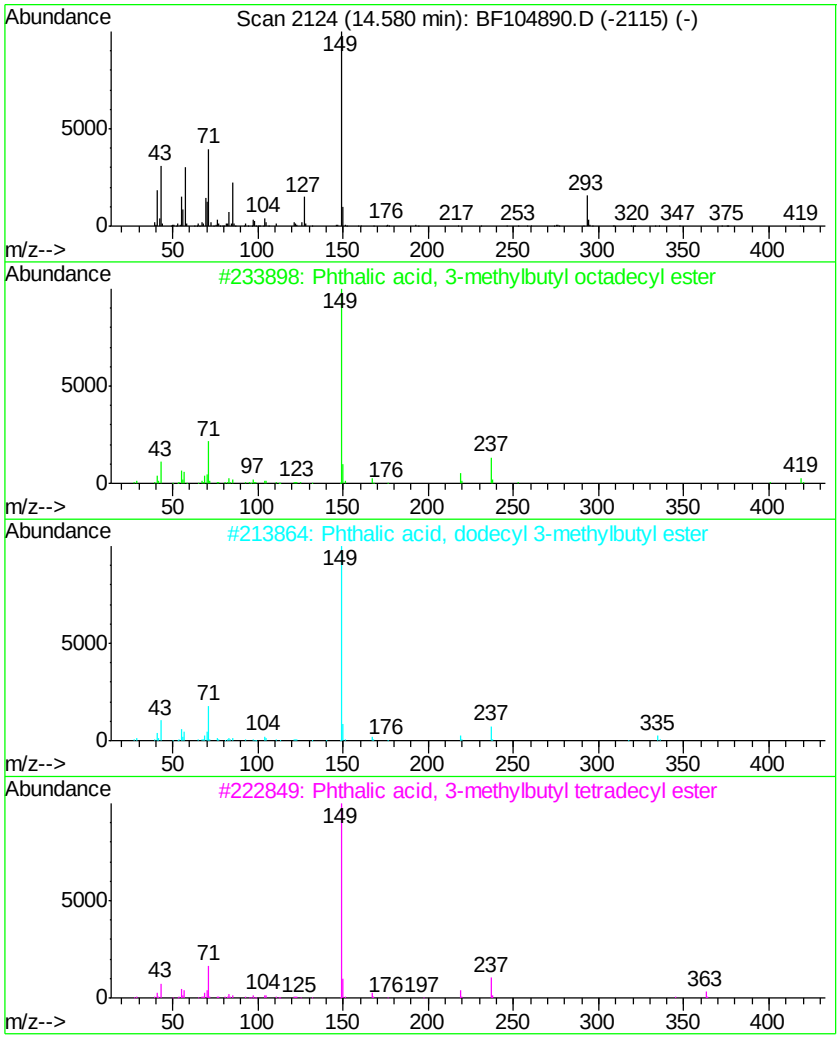
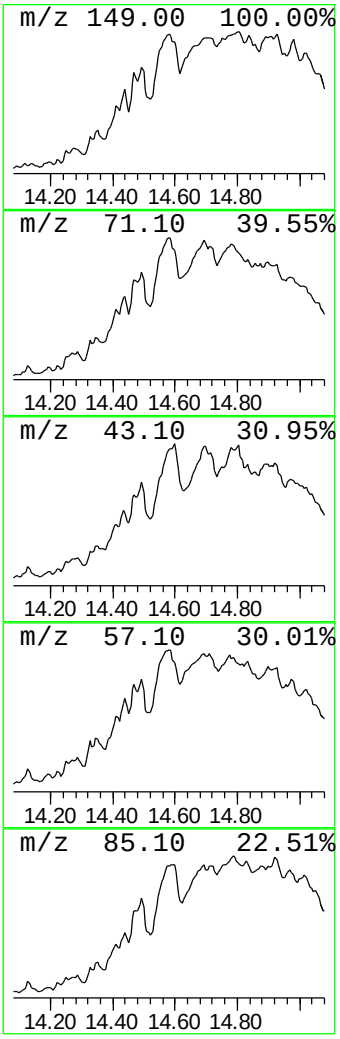
Peak Number 20 Phthalic acid, 3-methylbuty... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	325.46 ng	6256280	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-methylbutyl oct...	488	C31H52O4	1000356-81-9	59
2	Phthalic acid, dodecyl 3-methylb...	404	C25H40O4	1000356-81-3	59
3	Phthalic acid, 3-methylbutyl tet...	432	C27H44O4	1000356-81-5	59
4	1,2-Benzenedicarboxylic acid, bi...	446	C28H46O4	000089-16-7	53
5	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042718\
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Acq On : 27 Apr 2018 19:18
Operator : JU/SJ
Sample : J2522-04
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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.35	25.4	ng	656256	1	6.80	517694	20.0
2-Pentanone, 4-hy...	5.02	113.2	ng	2930730	1	6.80	517694	20.0
Ethanol, 2-butoxy-	5.75	52.9	ng	1370460	1	6.80	517694	20.0
1-Hexanol, 2-ethyl-	6.89	321.9	ng	8332360	1	6.80	517694	20.0
unknown7.59	7.59	18.3	ng	751738	2	8.08	821284	20.0
1,3-Pentanediol, ...	7.80	23.5	ng	965863	2	8.08	821284	20.0
1H-Indene, 2,3-di...	10.92	20.8	ng	571962	4	11.33	549177	20.0
Diisoheptyl phtha...	13.64	22.9	ng	440706	5	13.99	384460	20.0
Phthalic acid, 2,...	13.67	41.3	ng	793691	5	13.99	384460	20.0
unknown13.69	13.69	93.8	ng	1802870	5	13.99	384460	20.0
Hexadecane, 2,6,1...	14.13	24.1	ng	462942	5	13.99	384460	20.0
Phthalic acid, 3,...	14.25	24.7	ng	475059	5	13.99	384460	20.0
Phthalic acid, bi...	14.33	59.1	ng	1135930	5	13.99	384460	20.0
Phthalic acid, de...	14.41	108.0	ng	2076500	5	13.99	384460	20.0
Phthalic acid, 2-...	14.44	36.6	ng	704313	5	13.99	384460	20.0
Phthalic acid, 3-...	14.58	325.5	ng	6256280	5	13.99	384460	20.0