LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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	5.057	501	505	514	rBV	193606	213397	6.83%	0.536%
2	5.469	572	575	592	rBV	790787	849787	27.20%	2.133%
3	6.486	745	748	768	rBV	1060460	1170786	37.48%	2.939%
4	6.628	768	772	779	rBV	1414878	1164245	37.27%	2.923%
5	6.857	808	811	818	rBV	871836	719294	23.03%	1.806%
6	7.016	834	838	846	rBV	1167425	965695	30.91%	2.424%
7	7.422	903	907	918	rBV	748750	674962	21.61%	1.694%
8	8.145	1027	1030	1053	rVB	1022559	928253	29.71%	2.330%
9	9.222	1210	1213	1224	rBV	1530655	1269951	40.65%	3.188%
10	9.569	1269	1272	1278	rVB	191919	149724	4.79%	0.376%
11	9.622	1278	1281	1288	rBV	91773	90812	2.91%	0.228%
12	9.910	1326	1330	1333	rBV	1104671	942830	30.18%	2.367%
13	10.545	1435	1438	1442	rBV2	54234	73911	2.37%	0.186%
14	10.698	1462	1464	1470	rVB	394079	356715	11.42%	0.895%
15	10.810	1480	1483	1485	rBV	66206	61773	1.98%	0.155%
16	11.004	1513	1516	1520	rBV	81820	120275	3.85%	0.302%
17	11.098	1529	1532	1534	rBV2	48112	38029	1.22%	0.095%
18	11.133	1536	1538	1541	rBV	62625	55850	1.79%	0.140%
19	11.263	1557	1560	1561	rBV	68986	52281	1.67%	0.131%
20	11.292	1561	1565	1571	rVB2	109407	207189	6.63%	0.520%
21	11.404	1580	1584	1586	rBV	969325	855887	27.40%	2.149%
22	11.427	1586	1588	1595	rVV2	193981	348157	11.14%	0.874%
23	11.480	1595	1597	1599	rVB	76339	55995	1.79%	0.141%
24	11.510	1599	1602	1604	rBV2	69359	63668	2.04%	0.160%
25	11.533	1604	1606	1610	rBV4	43823	53232	1.70%	0.134%
26	11.574	1610	1613	1615	rBV2	106110	114090	3.65%	0.286%
27	11.704	1631	1635	1638	rBV	150608	235748	7.55%	0.592%
28	11.857	1658	1661	1666	rBV	330610	477094	15.27%	1.198%
29	11.927	1670	1673	1675	rBV	193944	208248	6.67%	0.523%
30	11.957	1675	1678	1681	rBV3	97840	91389	2.93%	0.229%
31	11.992	1681	1684	1686	rBV2	269583	316206	10.12%	0.794%
32	12.074	1696	1698	1700	rVB	152443	115711	3.70%	0.290%
33	12.104	1700	1703	1706	rBV2	368654	437074	13.99%	1.097%
34	12.257	1726	1729	1731	rBV	384842	459595	14.71%	1.154%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.321	1738	1740	1743	rBV	148598	148960	4.77%	0.374%
36	12.351	1743	1745	1746	rBV	137955	91341	2.92%	0.229%
37	12.386	1748	1751	1755	rBV	443536	529809	16.96%	1.330%
38	12.492	1767	1769	1772	rBV	439221	503564	16.12%	1.264%
39	12.633	1789	1793	1797	rBV2	625541	948492	30.36%	2.381%
40	12.733	1808	1810	1812	rBV2	212096	228367	7.31%	0.573%
41	12.898	1836	1838	1845	rVB	466578	563748	18.05%	1.415%
42	12.998	1849	1855	1865	rBV2	1777346	3123888	100.00%	7.842%
43	13.221	1891	1893	1896	rBV	433073	423699	13.56%	1.064%
44	13.251	1896	1898	1904	rVB	493146	647203	20.72%	1.625%
45	13.351	1912	1915	1919	rBV	658689	851023	27.24%	2.136%
46	13.815	1992	1994	2000	rVB2	779411	921077	29.48%	2.312%
47	14.009	2024	2027	2028	rBV	497330	514434	16.47%	1.291%
48	14.039	2029	2032	2034	rVV2	802032	1003565	32.13%	2.519%
49	14.315	2076	2079	2084	rBV	609980	689936	22.09%	1.732%
50	14.404	2091	2094	2097	rVV	1077565	1077770	34.50%	2.706%
51	14.439	2098	2100	2106	rVB	978207	1017732	32.58%	2.555%
52	14.657	2133	2137	2142	rVB	2245810	2400939	76.86%	6.027%
53	14.827	2164	2166	2169	rVB	315228	280685	8.99%	0.705%
54	14.921	2180	2182	2189	rVB	283471	343271	10.99%	0.862%
55	15.027	2196	2200	2205	rBV	1514149	1801838	57.68%	4.523%
56	15.086	2207	2210	2214	rVB	634949	651650	20.86%	1.636%
57	15.339	2247	2253	2258	rVB	1539606	2882214	92.26%	7.235%
58	15.556	2286	2290	2295	rVB2	518574	750210	24.02%	1.883%
59	15.780	2324	2328	2330	rBV	444090	596045	19.08%	1.496%
60	15.804	2330	2332	2337	rVB	419238	536524	17.17%	1.347%
61	16.192	2393	2398	2406	rVB	922918	1437269	46.01%	3.608%
62	16.792	2495	2500	2508	rVB	220977	411691	13.18%	1.033%
63	17.350	2590	2595	2605	rVB	239860	521044	16.68%	1.308%

Sum of corrected areas: 39835841

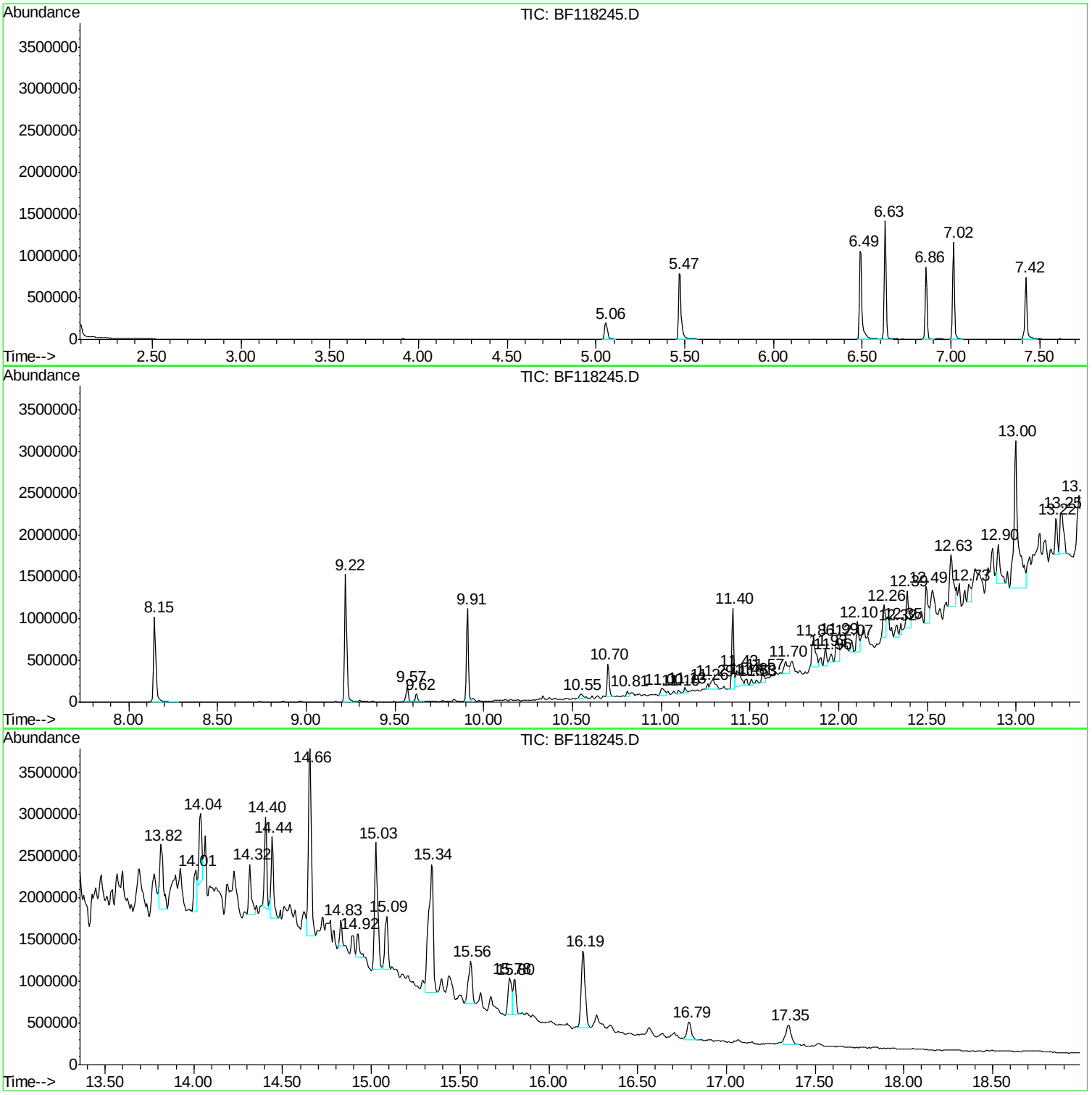
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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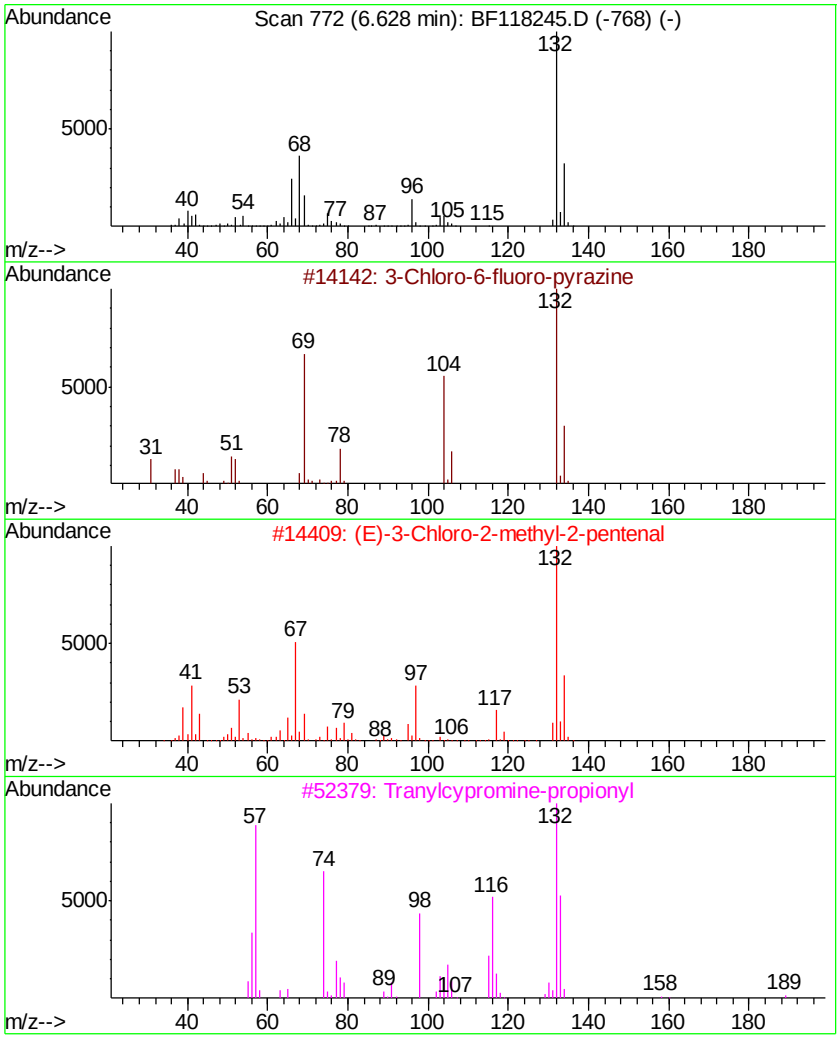
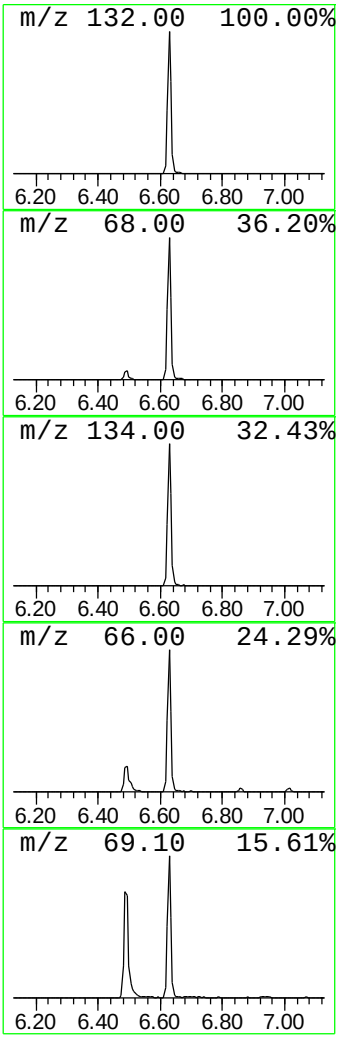
Peak Number 1 unknown6.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	32.37 ng	1164250	1,4-Dichlorobenzene-d4	6.86

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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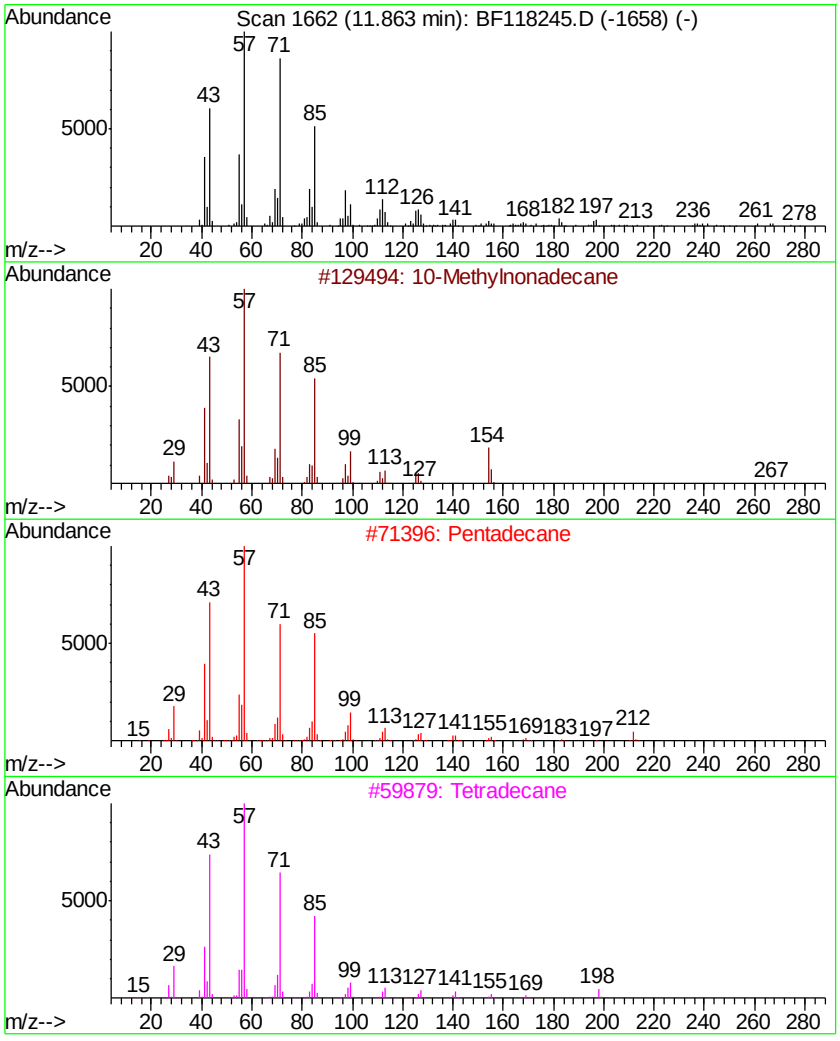
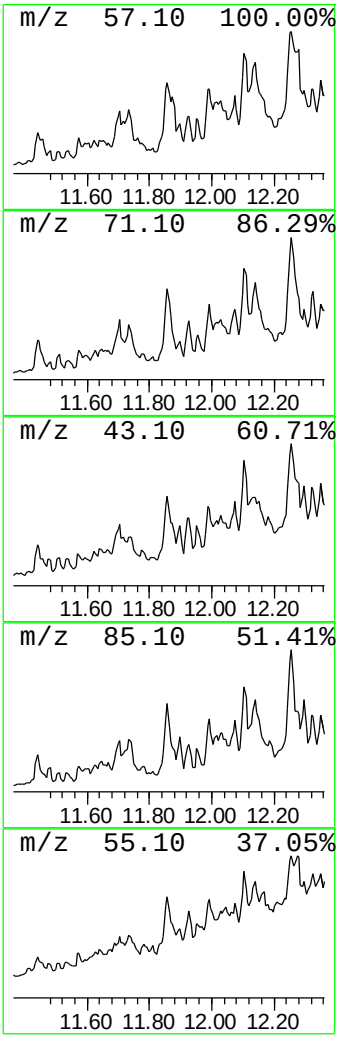
Peak Number 3 10-Methylnonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	11.15 ng	477094	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	80
2	Pentadecane	212	C15H32	000629-62-9	72
3	Tetradecane	198	C14H30	000629-59-4	64
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	58
5	Hexadecane	226	C16H34	000544-76-3	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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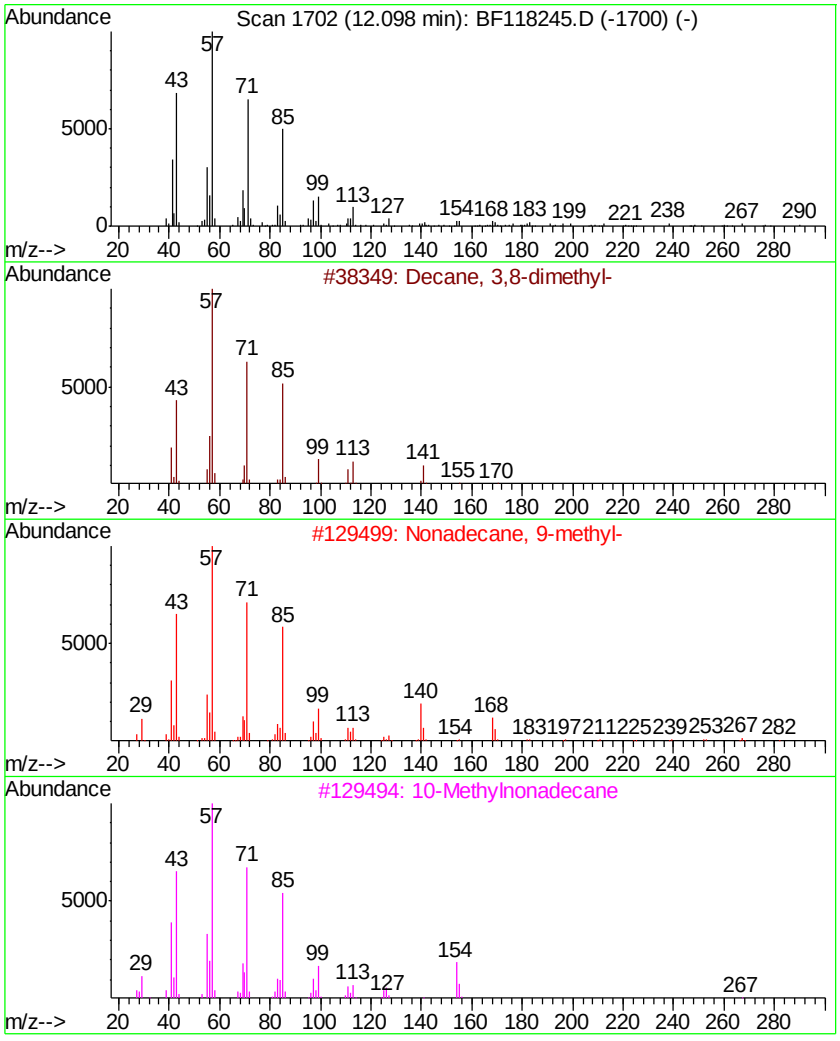
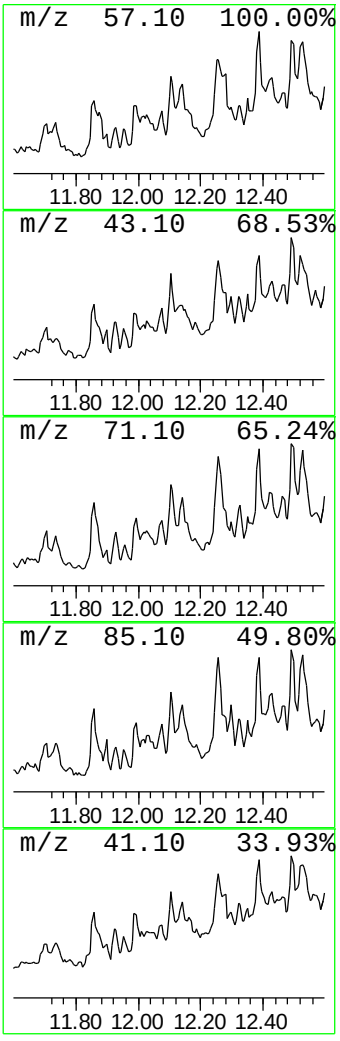
Peak Number 4 Decane, 3,8-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	10.21 ng	437074	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
3	10-Methylnonadecane	282	C20H42	056862-62-5	86
4	Octadecane	254	C18H38	000593-45-3	86
5	9-methylheptadecane	254	C18H38	026741-18-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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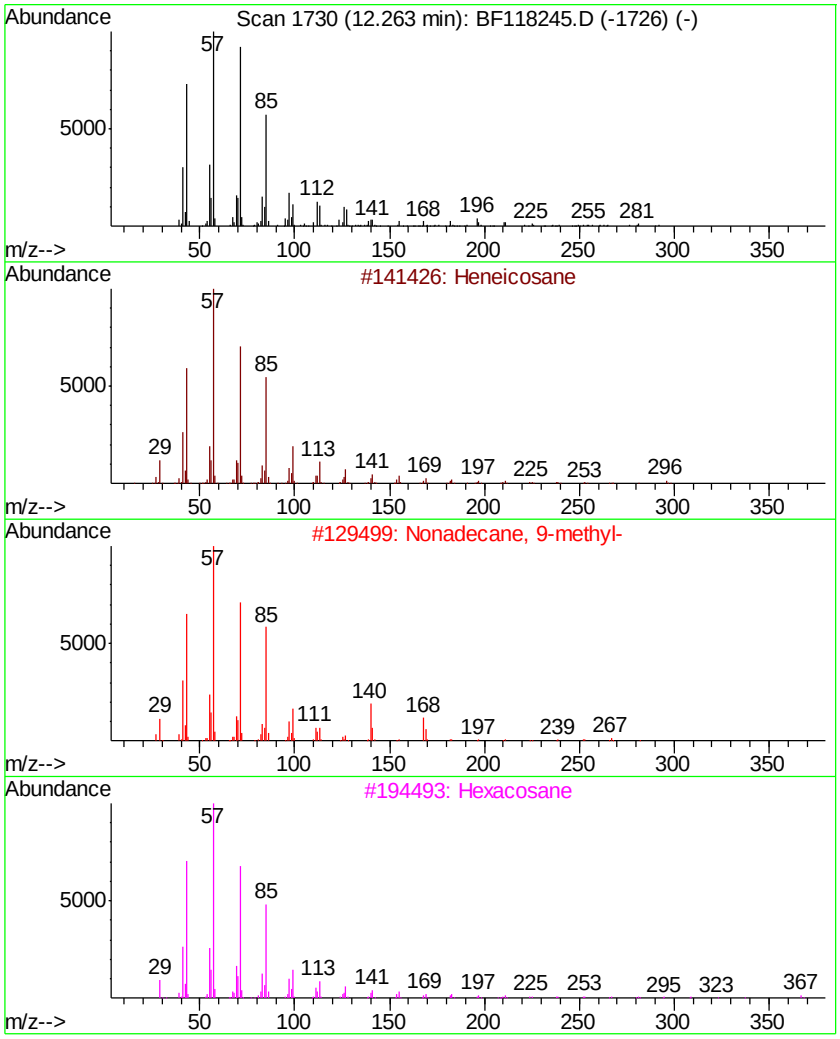
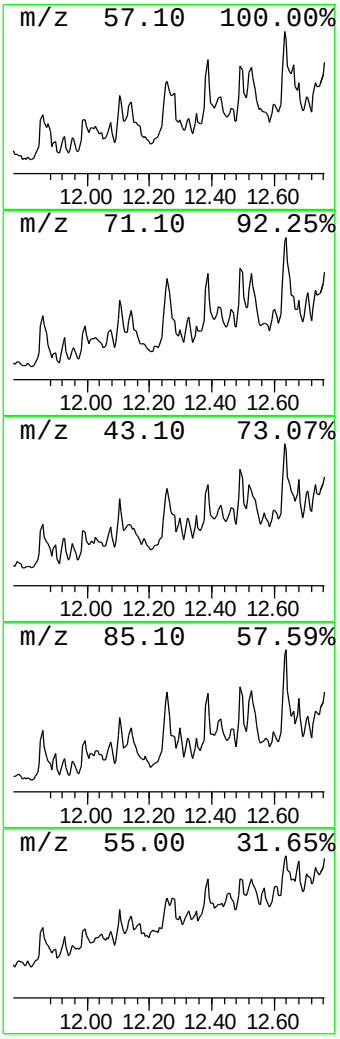
Peak Number 5 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	10.74 ng	459595	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
3	Hexacosane	366	C26H54	000630-01-3	70
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
5	Nonadecane	268	C19H40	000629-92-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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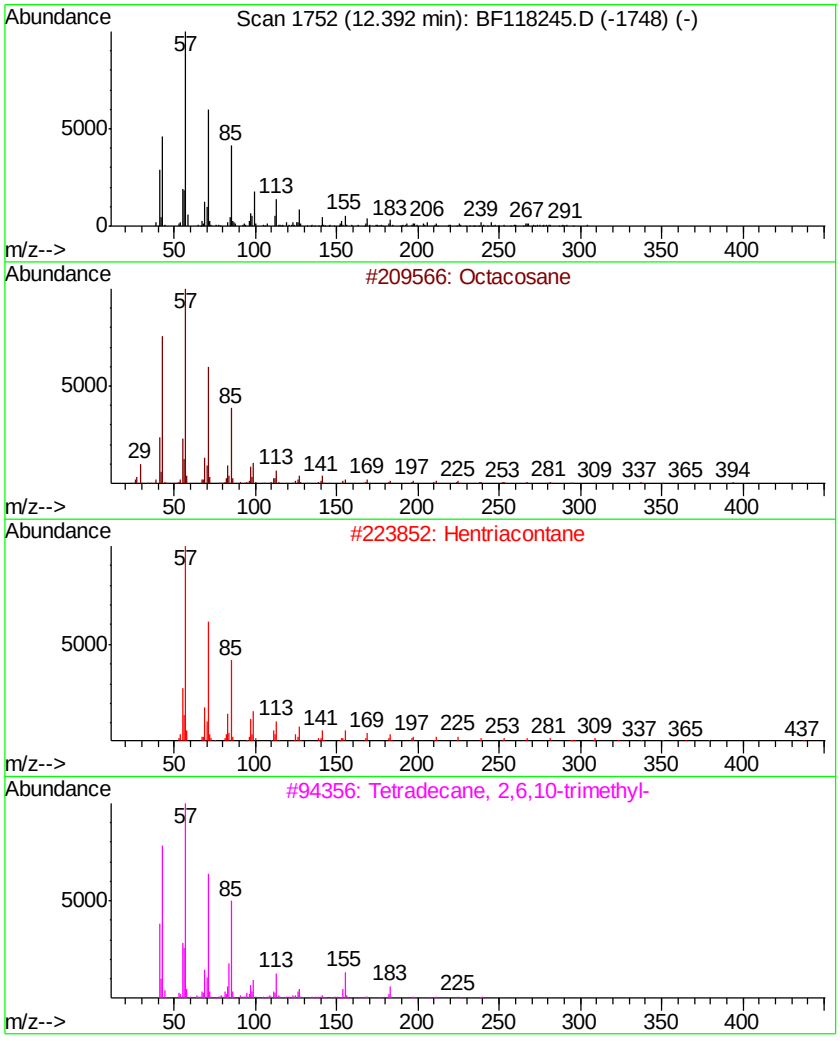
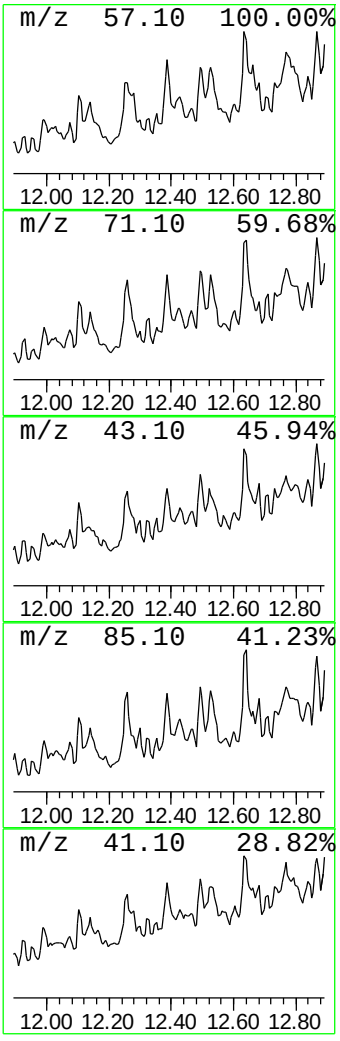
Peak Number 6 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	12.38 ng	529809	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	86
5	Heneicosane	296	C21H44	000629-94-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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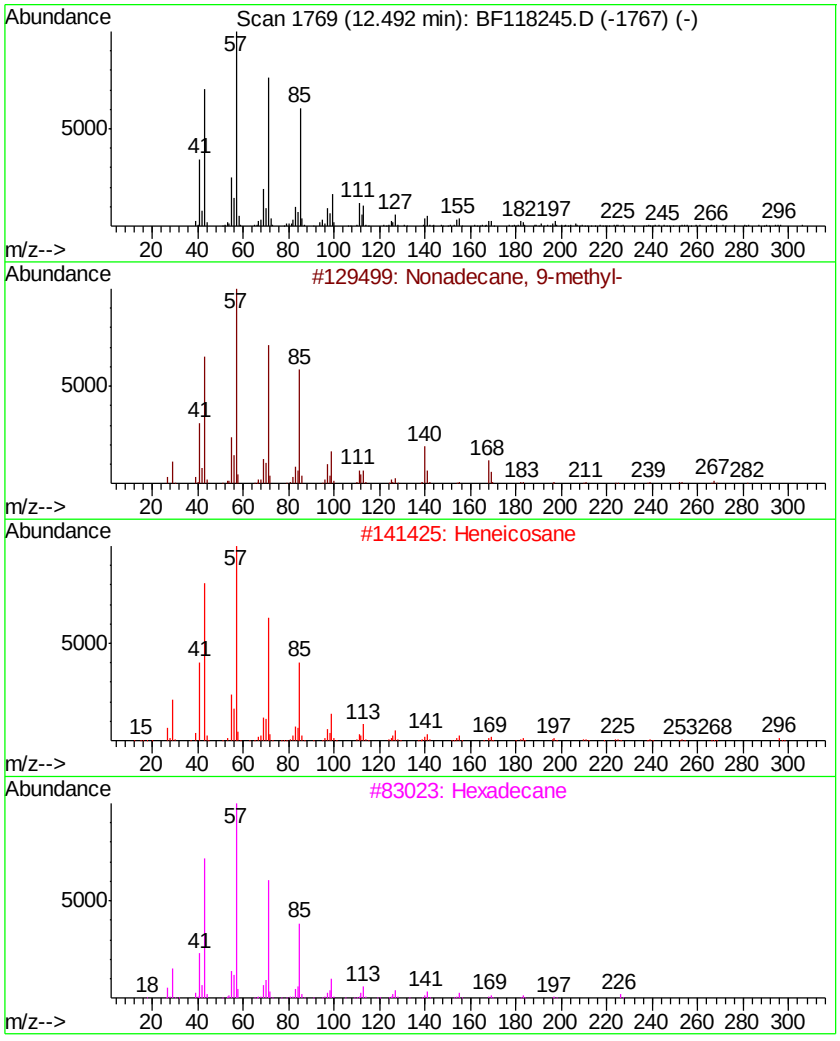
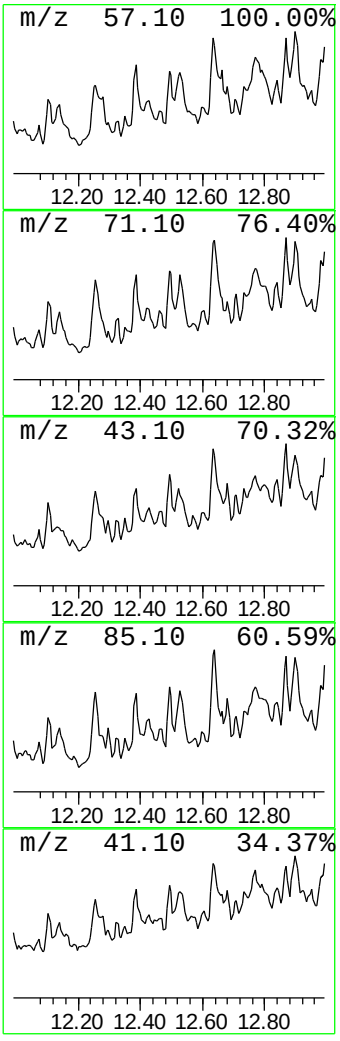
Peak Number 7 Nonadecane, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	11.77 ng	503564	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	95
2	Heneicosane	296	C21H44	000629-94-7	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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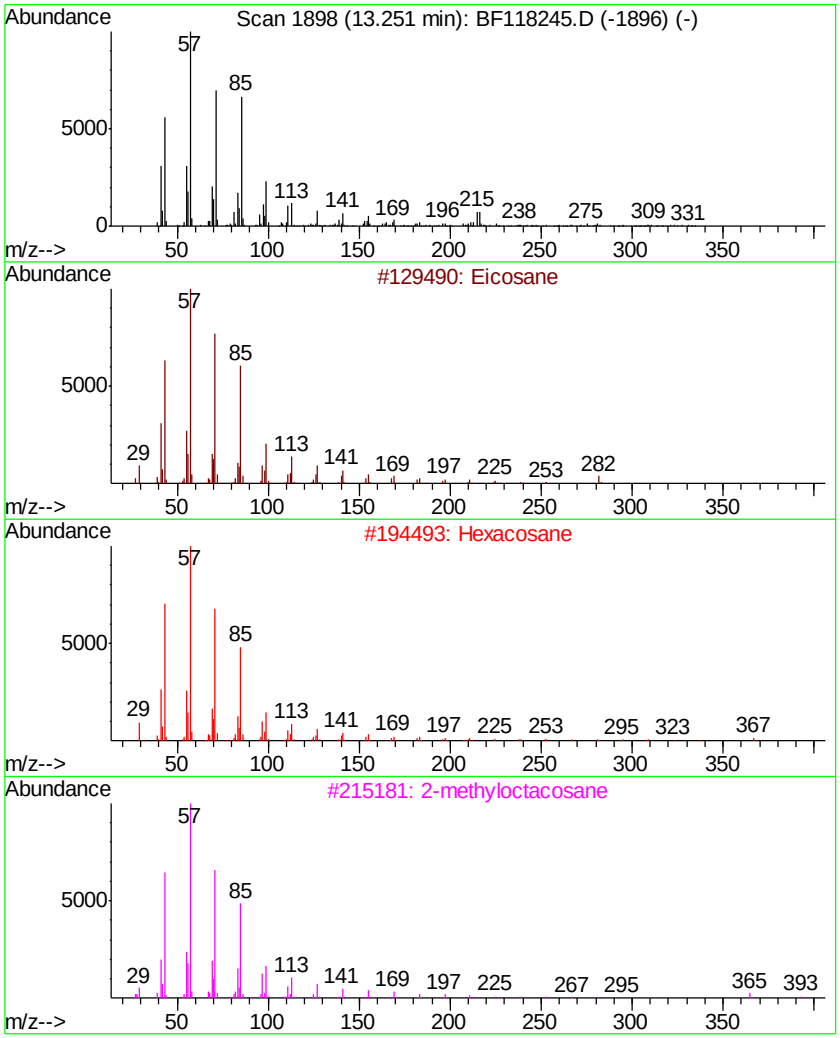
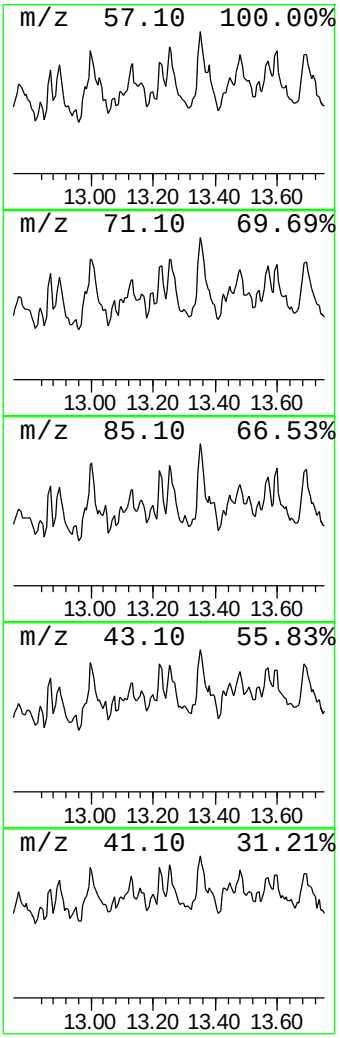
Peak Number 8 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	12.90 ng	647203	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

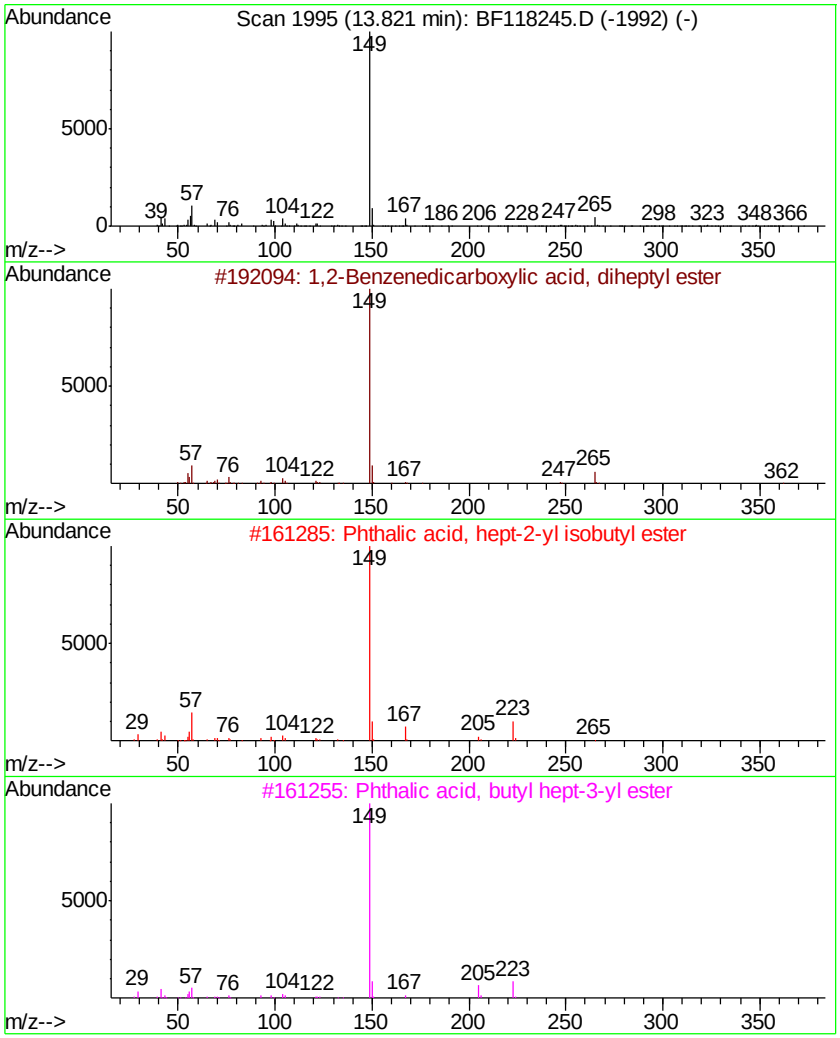
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

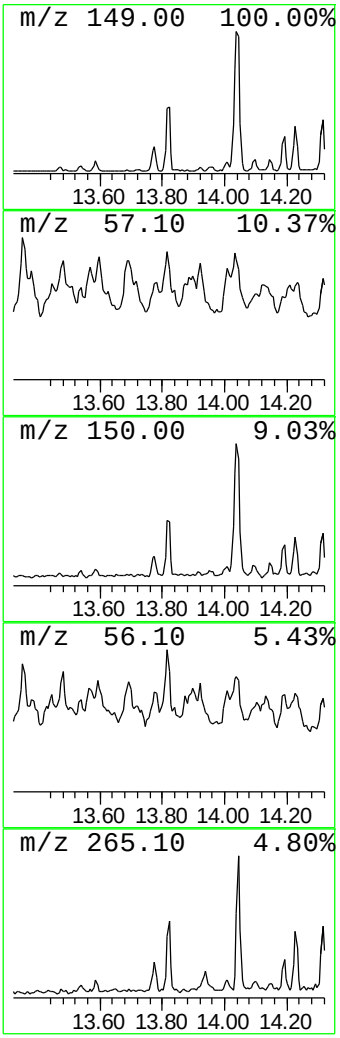
****

Peak Number 10 1,2-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	18.36 ng	921077	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	83
2	Phthalic acid, hept-2-yl isobuty...	320	C19H28O4	1000356-97-0	80
3	Phthalic acid, butyl hept-3-yl e...	320	C19H28O4	1000356-98-7	72
4	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	72
5	Phthalic acid, hept-3-yl isobuty...	320	C19H28O4	1000356-98-6	72





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Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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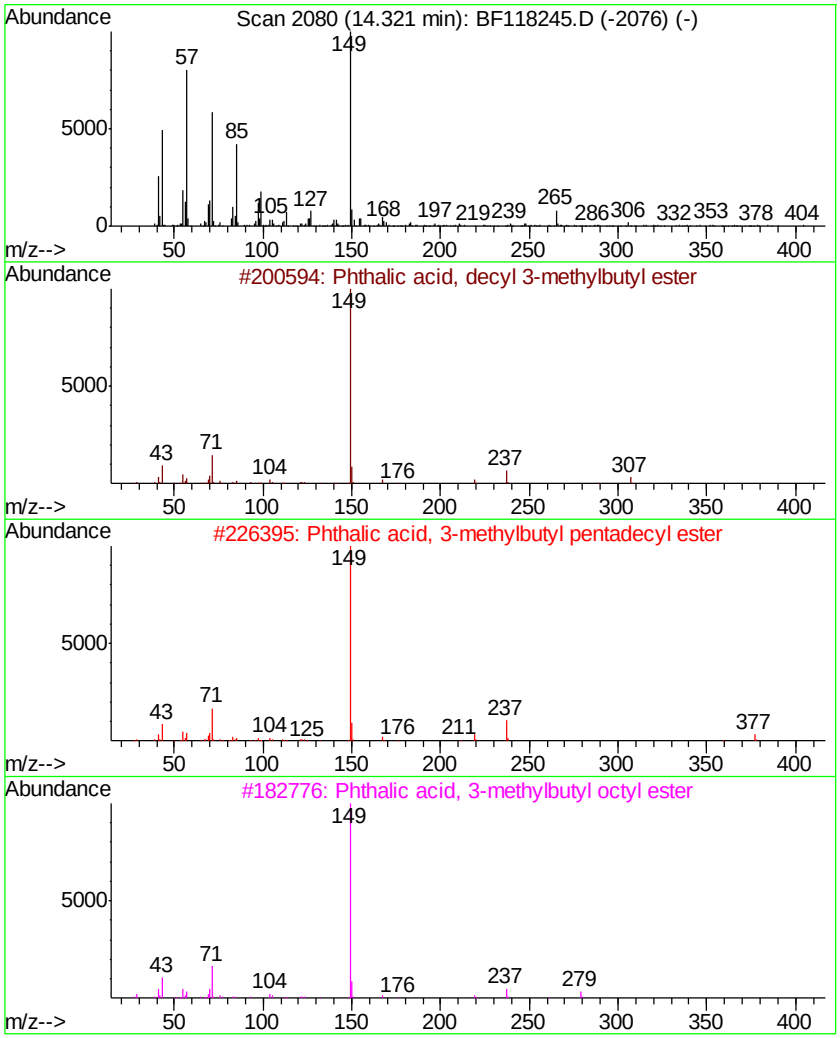
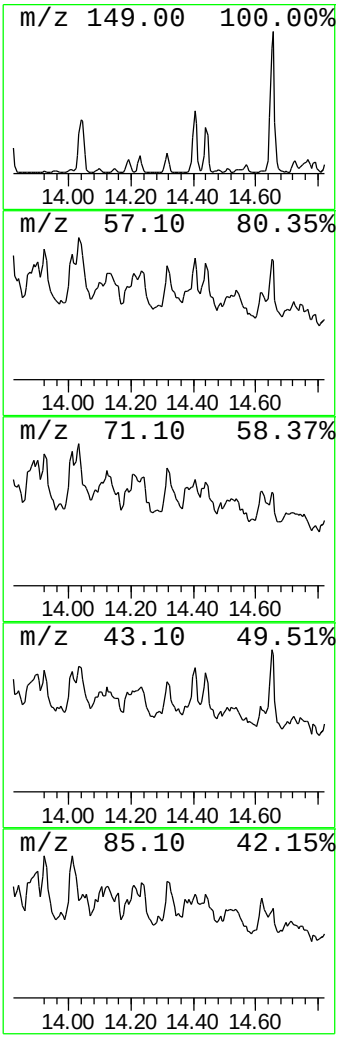
Peak Number 11 Phthalic acid, decyl 3-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	13.75 ng	689936	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, decyl 3-methylbut...	376	C23H36O4	1000356-81-1	59
2	Phthalic acid, 3-methylbutyl pen...	446	C28H46O4	1000356-81-6	59
3	Phthalic acid, 3-methylbutyl oct...	348	C21H32O4	1000356-80-9	59
4	Phthalic acid, heptyl 6-methylhe...	376	C23H36O4	1000377-96-1	53
5	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	53





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Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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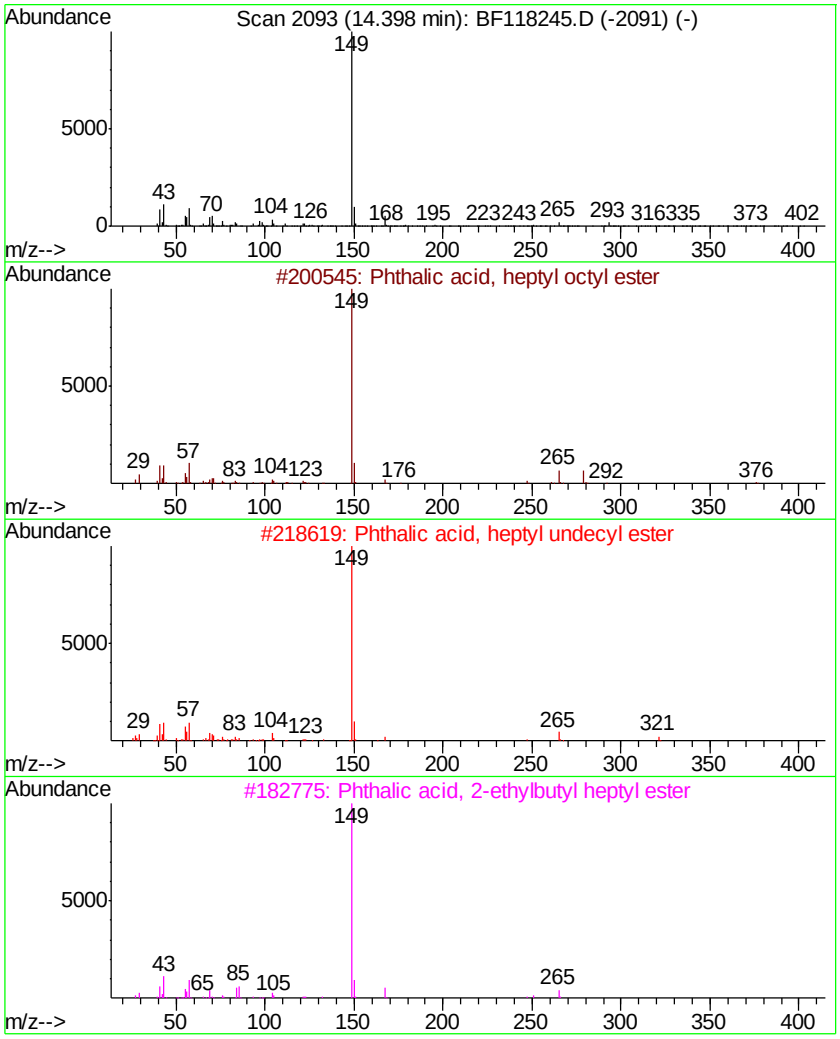
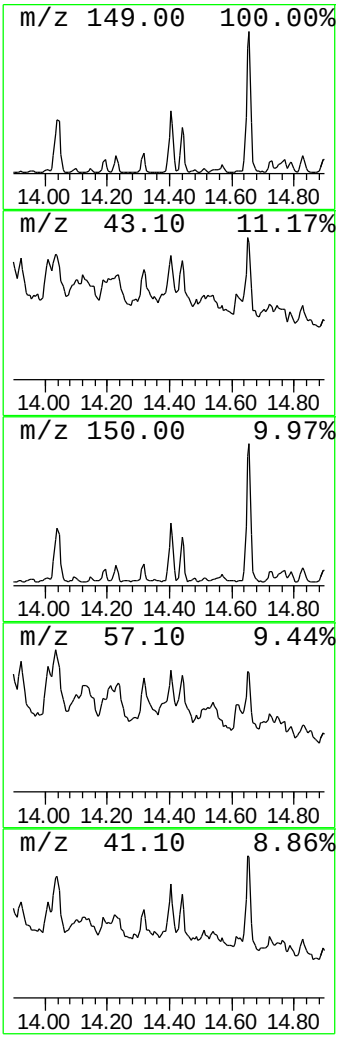
Peak Number 12 Phthalic acid, heptyl octyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	21.48 ng	1077770	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	90
2	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	87
3	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	86
4	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
5	Phthalic acid, hexyl heptyl ester	348	C21H32O4	1000308-93-8	72





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Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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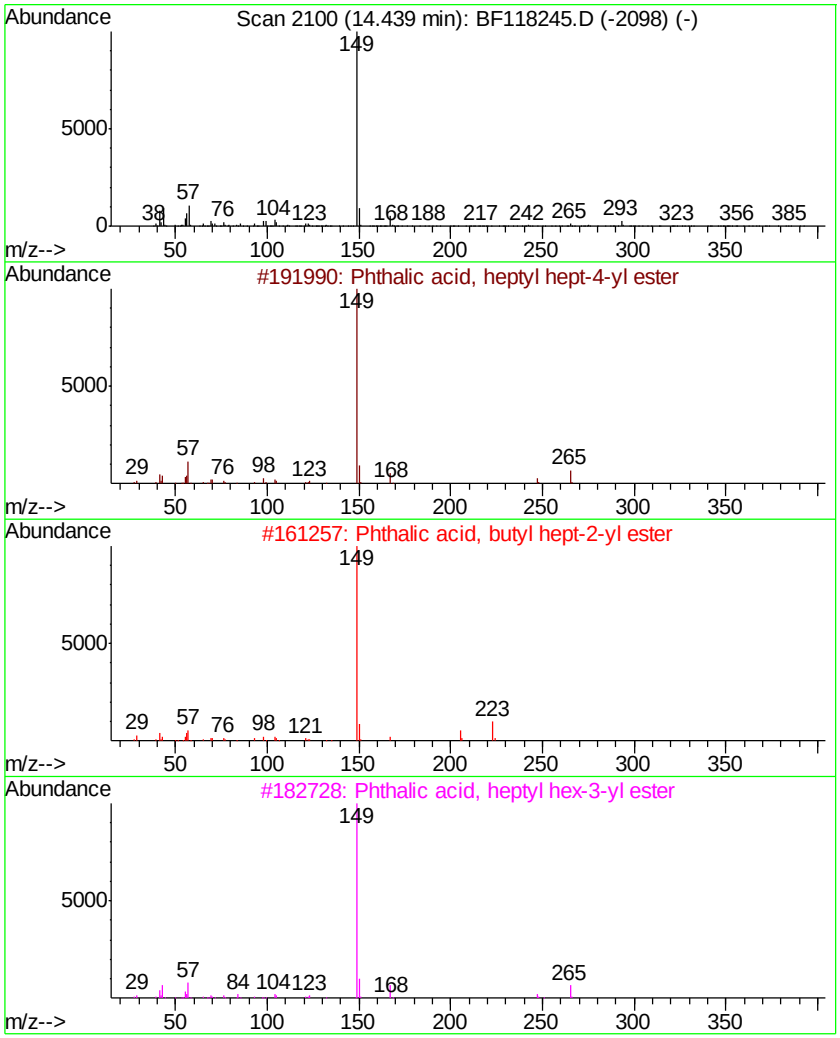
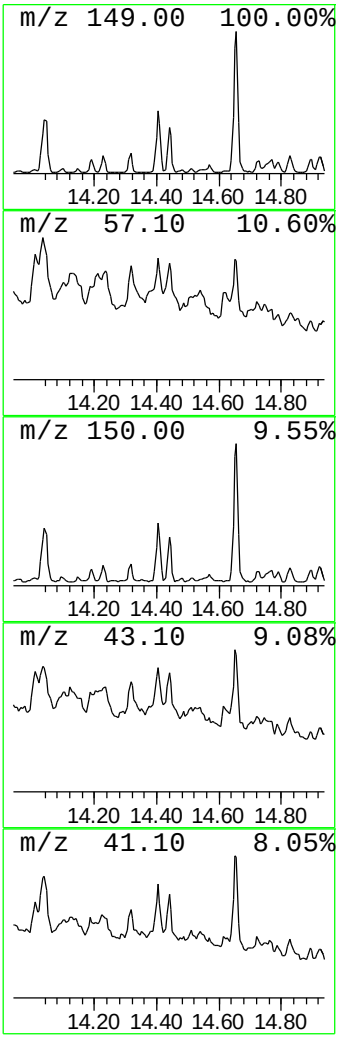
Peak Number 13 Phthalic acid, heptyl hept-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	20.28 ng	1017730	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	86
2	Phthalic acid, butyl hept-2-yl e...	320	C19H28O4	1000356-97-1	86
3	Phthalic acid, heptyl hex-3-yl e...	348	C21H32O4	1000356-95-8	86
4	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	80
5	Phthalic acid, hept-3-yl octyl e...	376	C23H36O4	1000356-99-2	80





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Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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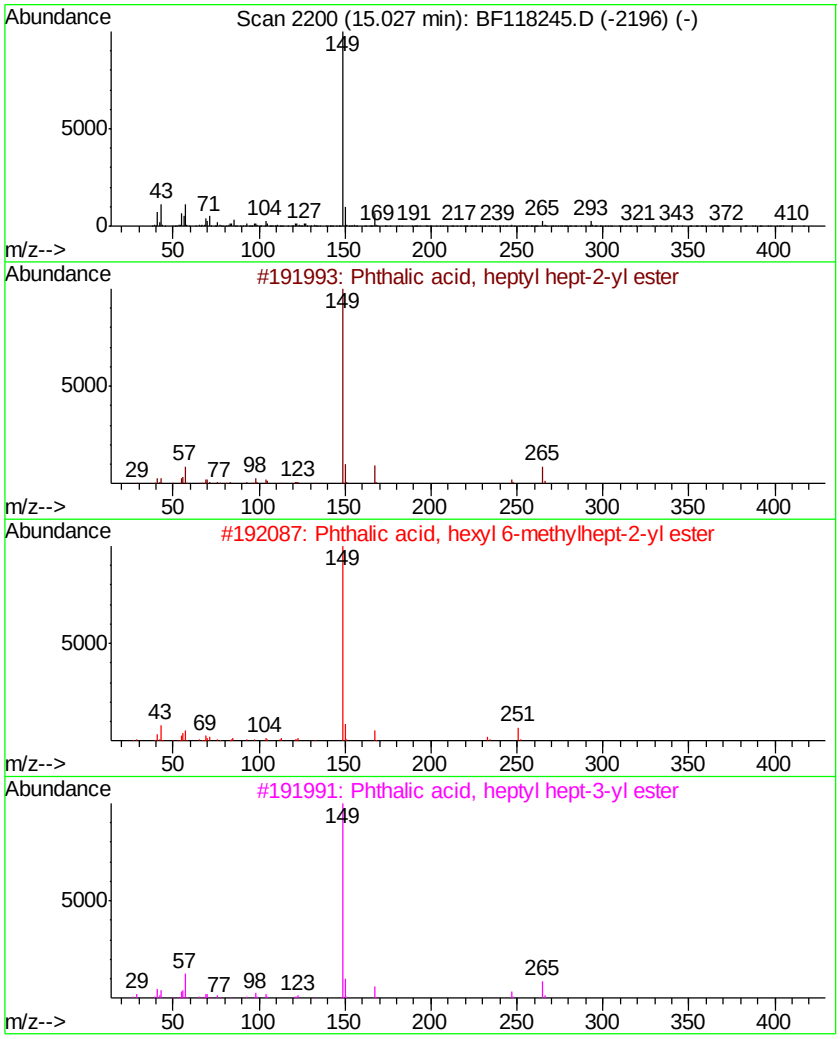
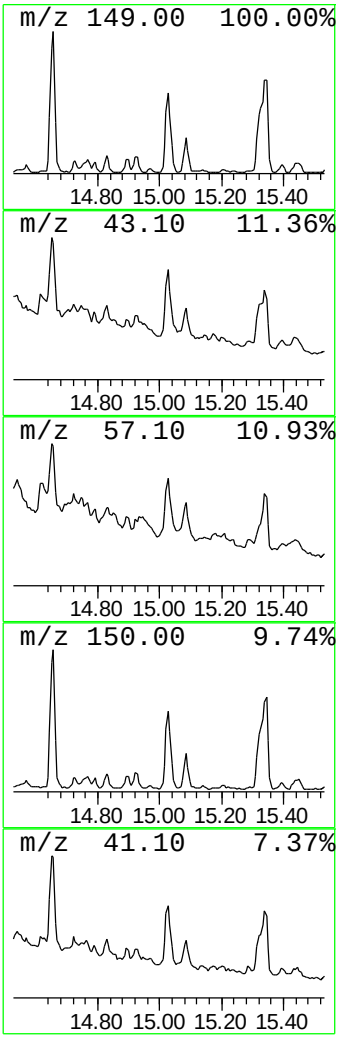
Peak Number 14 Phthalic acid, heptyl hept-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	48.04 ng	1801840	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl hept-2-yl ...	362	C22H34O4	1000356-97-4	86
2	Phthalic acid, hexyl 6-methylhep...	362	C22H34O4	1000377-96-0	80
3	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	80
4	Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	80
5	Phthalic acid, hept-3-yl nonyl e...	390	C24H38O4	1000356-99-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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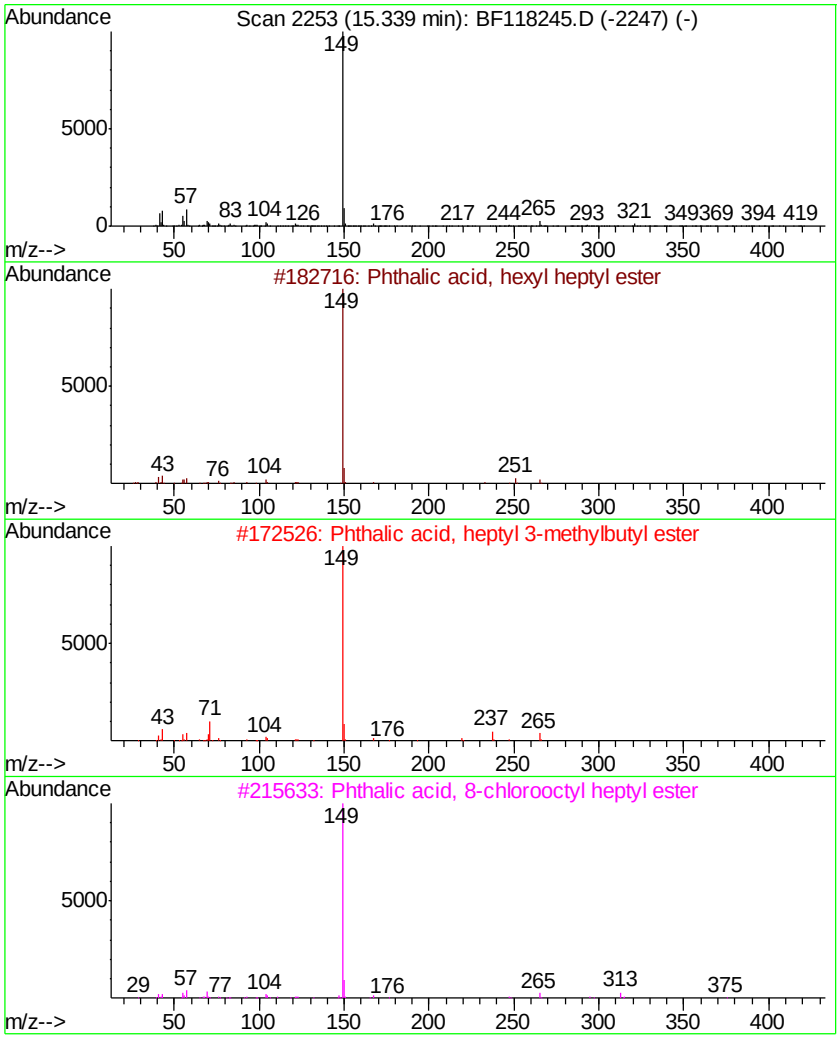
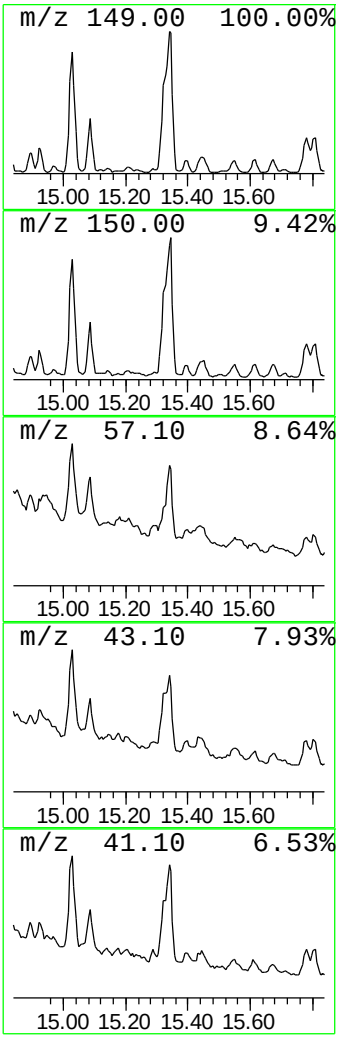
Peak Number 15 Phthalic acid, hexyl heptyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	76.84 ng	2882210	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hexyl heptyl ester	348	C21H32O4	1000308-93-8	86
2	Phthalic acid, heptyl 3-methylbu...	334	C20H30O4	1000356-80-8	78
3	Phthalic acid, 8-chlorooctyl hep...	410	C23H35ClO4	1000356-86-3	78
4	Phthalic acid, butyl dodecyl ester	390	C24H38O4	1000308-93-9	72
5	Phthalic acid, decyl 3,5-dimethy...	410	C26H34O4	1000309-79-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
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Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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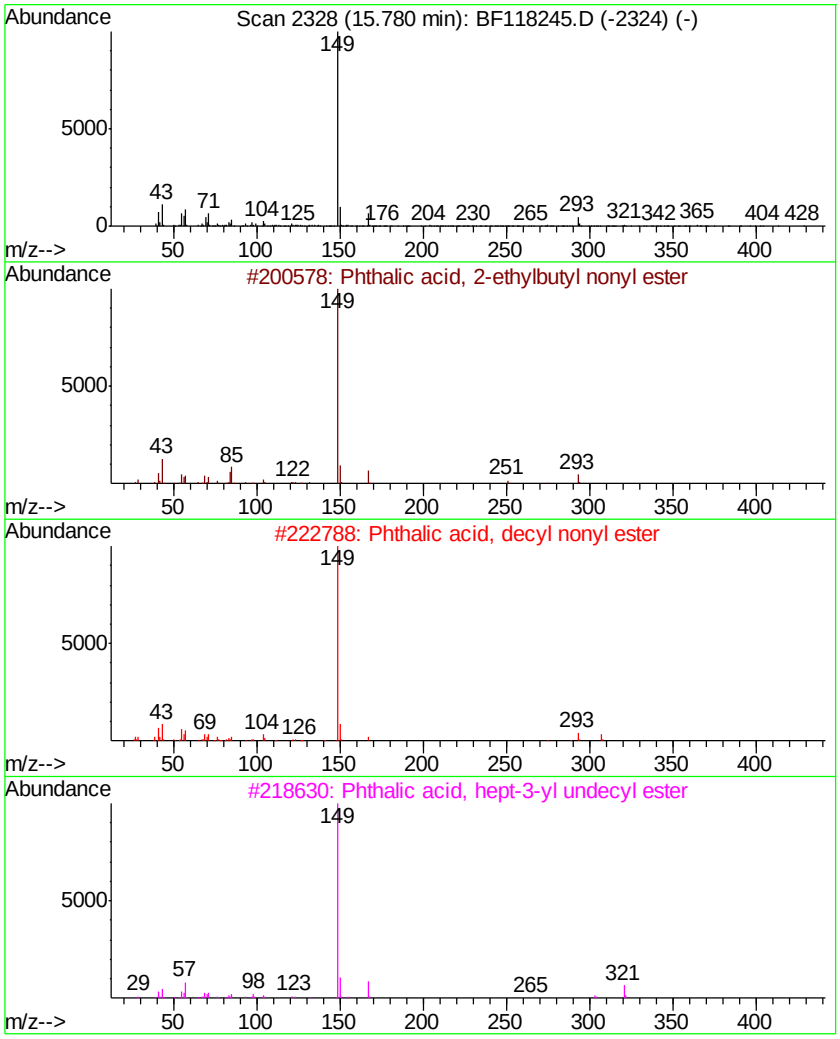
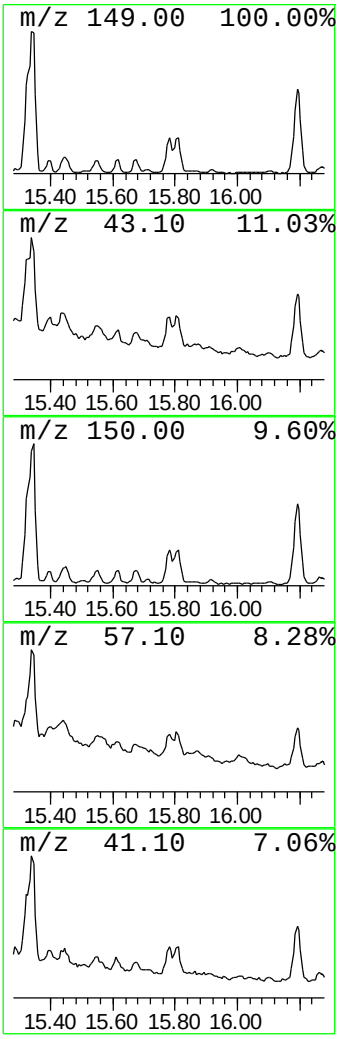
Peak Number 16 Phthalic acid, 2-ethylbutyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	15.89 ng	596045	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-ethylbutyl nonyl...	376	C23H36O4	1000356-89-4	86
2	Phthalic acid, decyl nonyl ester	432	C27H44O4	1000308-89-8	86
3	Phthalic acid, hept-3-yl undecyl...	418	C26H42O4	1000356-99-5	80
4	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	72
5	Phthalic acid, 6-ethyl-3-octyl h...	404	C25H40O4	1000315-17-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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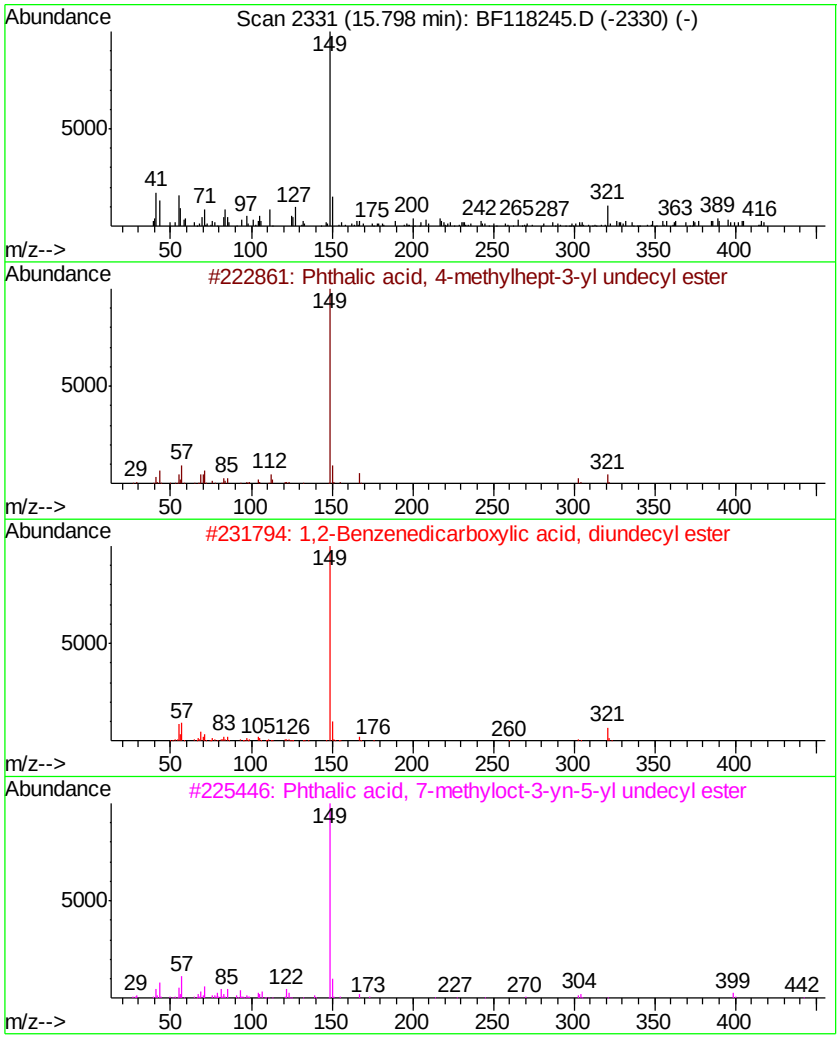
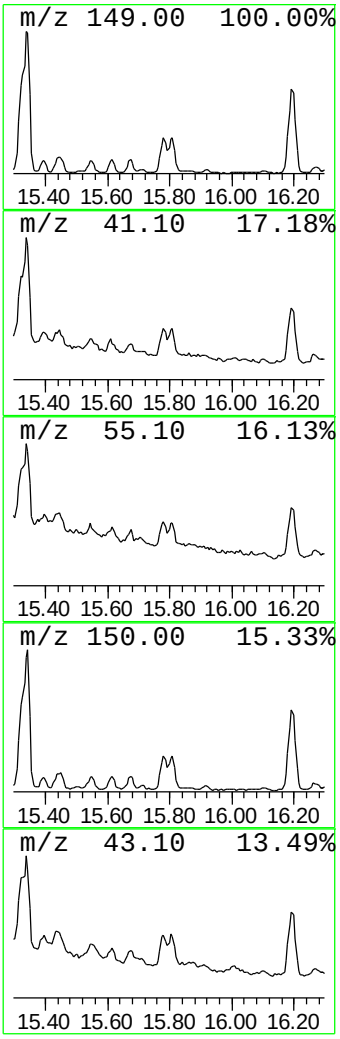
Peak Number 17 Phthalic acid, 4-methylhept... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	14.30 ng	536524	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-methylhept-3-yl...	432	C27H44O4	1000377-94-6	72
2	1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	72
3	Phthalic acid, 7-methyloct-3-yn-...	442	C28H42O4	1000315-43-3	68
4	Phthalic acid, heptadecyl trans-...	486	C31H50O4	1000360-49-5	64
5	Phthalic acid, hex-3-yl undecyl ...	404	C25H40O4	1000356-96-2	64





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Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
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Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

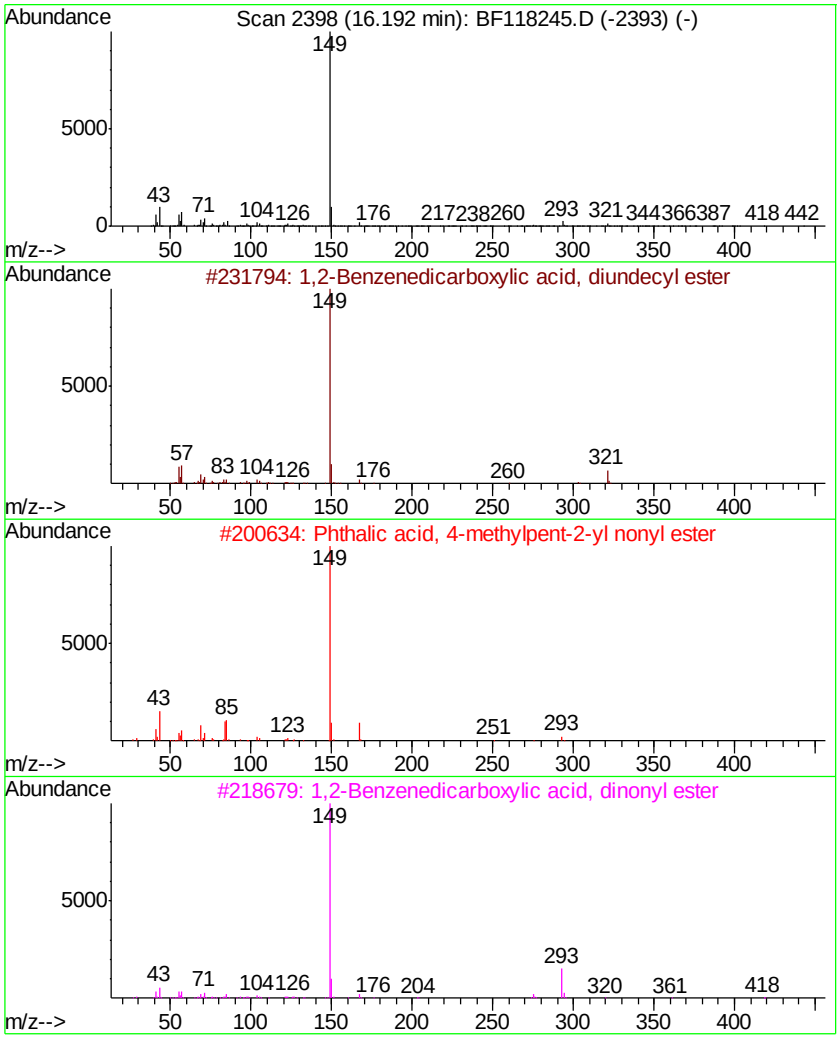
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

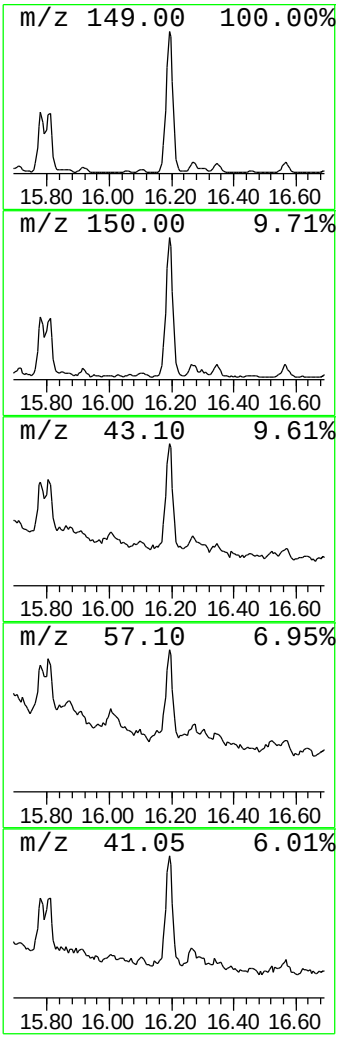
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,2-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	38.32 ng	1437270	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	83
2	Phthalic acid, 4-methylpent-2-yl...	376	C23H36O4	1000356-87-9	80
3	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	78
4	Phthalic acid, 3-methylbutyl non...	362	C22H34O4	1000356-81-0	78
5	Phthalic acid, butyl dec-2-yl ester	362	C22H34O4	1000356-93-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11999

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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
unknown6.63	6.63	32.4	ng	1164250	1	6.86	719294	20.0
10-Methylnonadecane	11.86	11.2	ng	477094	4	11.40	855887	20.0
Decane, 3,8-dimet...	12.10	10.2	ng	437074	4	11.40	855887	20.0
Heneicosane	12.26	10.7	ng	459595	4	11.40	855887	20.0
Octacosane	12.39	12.4	ng	529809	4	11.40	855887	20.0
Nonadecane, 9-met...	12.49	11.8	ng	503564	4	11.40	855887	20.0
Eicosane	13.25	12.9	ng	647203	5	14.06	1003570	20.0
1,2-Benzenedicarb...	13.82	18.4	ng	921077	5	14.06	1003570	20.0
Phthalic acid, de...	14.32	13.8	ng	689936	5	14.06	1003570	20.0
Phthalic acid, he...	14.40	21.5	ng	1077770	5	14.06	1003570	20.0
Phthalic acid, he...	14.44	20.3	ng	1017730	5	14.06	1003570	20.0
Phthalic acid, he...	15.03	48.0	ng	1801840	6	15.56	750210	20.0
Phthalic acid, he...	15.34	76.8	ng	2882210	6	15.56	750210	20.0
Phthalic acid, 2-...	15.78	15.9	ng	596045	6	15.56	750210	20.0
Phthalic acid, 4-...	15.80	14.3	ng	536524	6	15.56	750210	20.0
1,2-Benzenedicarb...	16.19	38.3	ng	1437270	6	15.56	750210	20.0