LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

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_P\METHODS\8270-BP100119.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	4.946	482	486	501	rVB	287209	337599	5.03%	0.460%
2	5.369	554	558	586	rBV	3919691	3925739	58.48%	5.348%
3	6.393	727	732	750	rBV	4412932	4204830	62.63%	5.729%
4	6.522	750	754	757	rBV	5088193	4263906	63.51%	5.809%
5	6.746	789	792	796	rBV	1646793	1402378	20.89%	1.911%
6	6.905	815	819	822	rBV	4531212	3668720	54.65%	4.998%
7	7.310	883	888	891	rBV	3045743	2608504	38.86%	3.554%
8	8.034	1007	1011	1014	rBV	2215816	1827623	27.22%	2.490%
9	8.763	1132	1135	1147	rVB	280352	288819	4.30%	0.393%
10	9.116	1191	1195	1198	rBV	7239341	5922275	88.22%	8.069%
11	9.510	1258	1262	1265	rBV	1129382	837127	12.47%	1.141%
12	9.793	1307	1310	1314	rVB	2653728	2299637	34.25%	3.133%
13	10.593	1441	1446	1449	rBV	3881095	3683902	54.87%	5.019%
14	11.128	1534	1537	1542	rBV	112846	95723	1.43%	0.130%
15	11.293	1561	1565	1568	rBV	3086978	2523270	37.59%	3.438%
16	11.357	1574	1576	1581	rVB2	73358	87647	1.31%	0.119%
17	11.522	1600	1604	1607	rBV2	82802	100248	1.49%	0.137%
18	11.840	1654	1658	1667	rBV3	282418	328060	4.89%	0.447%
19	12.010	1684	1687	1697	rVB	86862	112389	1.67%	0.153%
20	12.404	1751	1754	1757	rVB2	74648	75968	1.13%	0.103%
21	12.516	1770	1773	1777	rBV	376247	304691	4.54%	0.415%
22	12.746	1806	1812	1816	rBV	345045	348395	5.19%	0.475%
23	12.898	1834	1838	1841	rBV	7261126	6713324	100.00%	9.146%
24	13.145	1873	1880	1884	rBV4	146800	248478	3.70%	0.339%
25	13.493	1933	1939	1945	rBV3	63622	101082	1.51%	0.138%
26	13.604	1954	1958	1962	rVB2	85803	94377	1.41%	0.129%
27	13.816	1989	1994	2012	rBV2	1285293	2217967	33.04%	3.022%
28	13.963	2014	2019	2022	rVV	2721596	2658086	39.59%	3.621%
29	13.987	2022	2023	2030	rVB	180098	158125	2.36%	0.215%
30	14.145	2047	2050	2057	rBV5	111486	155994	2.32%	0.213%
31	14.269	2068	2071	2077	rVB2	112286	111264	1.66%	0.152%
32	14.463	2099	2104	2121	rVB	1395202	2129952	31.73%	2.902%
33	14.763	2151	2155	2158	rBV	206755	223115	3.32%	0.304%
34	14.834	2164	2167	2175	rVB	189933	235638	3.51%	0.321%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

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_P\METHODS\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.904	2176	2179	2187	rVB	478711	533060	7.94%	0.726%
36	15.010	2193	2197	2200	rBV	161838	217887	3.25%	0.297%
37	15.104	2208	2213	2216	rBV	1466275	1784818	26.59%	2.432%
38	15.134	2216	2218	2224	rVB	702990	929166	13.84%	1.266%
39	15.269	2238	2241	2245	rVB	89101	94863	1.41%	0.129%
40	15.310	2245	2248	2253	rVB	88715	108722	1.62%	0.148%
41	15.375	2255	2259	2265	rVB	96760	120254	1.79%	0.164%
42	15.439	2265	2270	2274	rBV	1913504	2281386	33.98%	3.108%
43	15.487	2274	2278	2288	rVV3	213118	319135	4.75%	0.435%
44	15.587	2292	2295	2302	rVB6	76106	100653	1.50%	0.137%
45	15.687	2307	2312	2321	rBV	682198	929294	13.84%	1.266%
46	15.928	2347	2353	2358	rBV	2190227	3336050	49.69%	4.545%
47	15.981	2358	2362	2369	rVV	388066	801453	11.94%	1.092%
48	16.045	2370	2373	2376	rVB	77996	113373	1.69%	0.154%
49	16.163	2389	2393	2396	rBV2	91594	159387	2.37%	0.217%
50	16.434	2434	2439	2442	rBV	149587	270683	4.03%	0.369%
51	16.469	2442	2445	2453	rVB	176930	299413	4.46%	0.408%
52	16.722	2482	2488	2497	rBV	475879	922888	13.75%	1.257%
53	17.034	2534	2541	2549	rBV	916762	1978038	29.46%	2.695%
54	17.134	2553	2558	2565	rVV2	200220	618217	9.21%	0.842%
55	17.210	2566	2571	2587	rVB	294671	848676	12.64%	1.156%
56	17.510	2616	2622	2639	rBV3	365979	1204497	17.94%	1.641%
57	18.157	2726	2732	2737	rBV2	103159	261192	3.89%	0.356%
58	18.522	2787	2794	2812	rVB4	252821	871591	12.98%	1.187%

Sum of corrected areas: 73399548

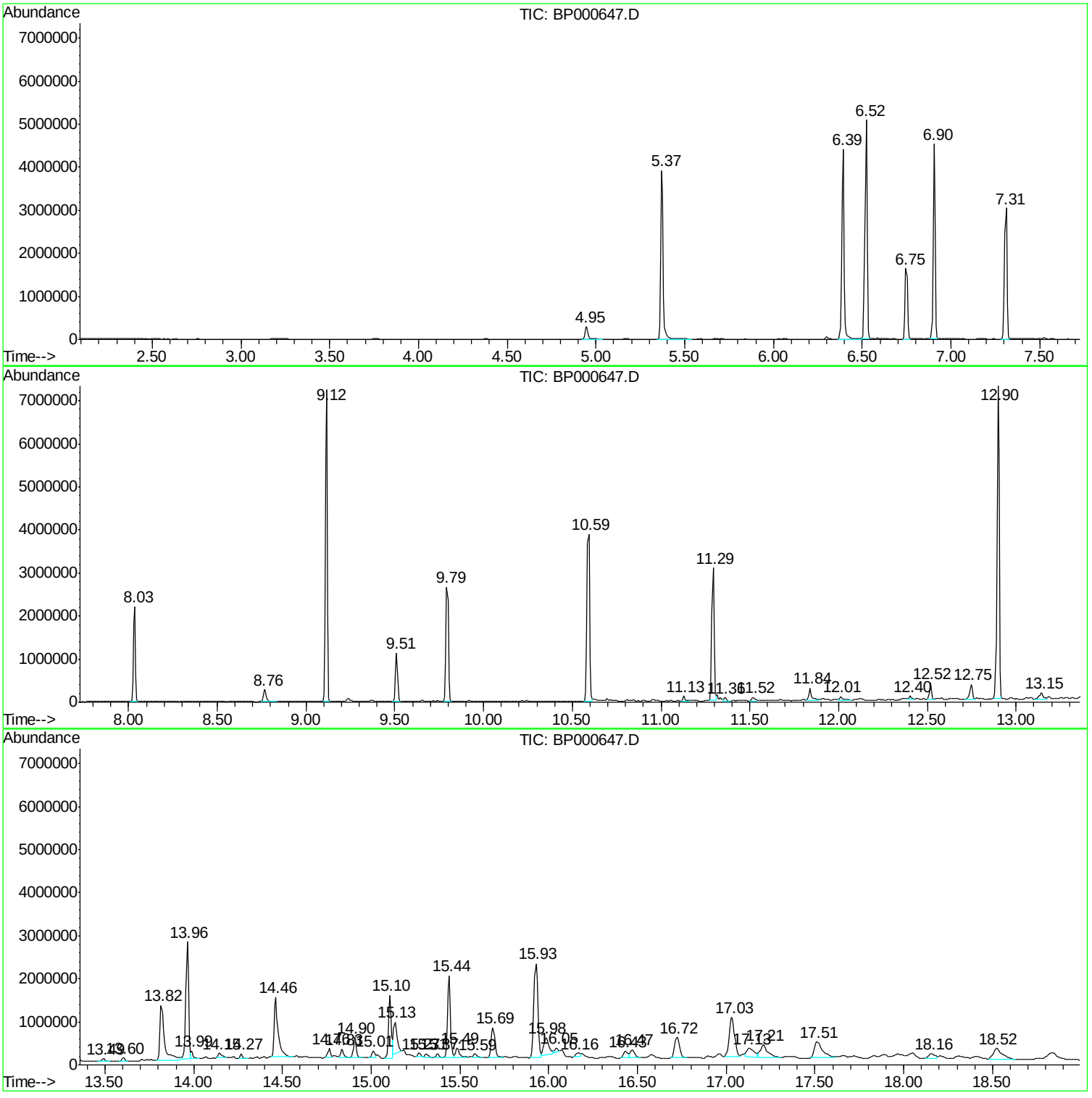
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

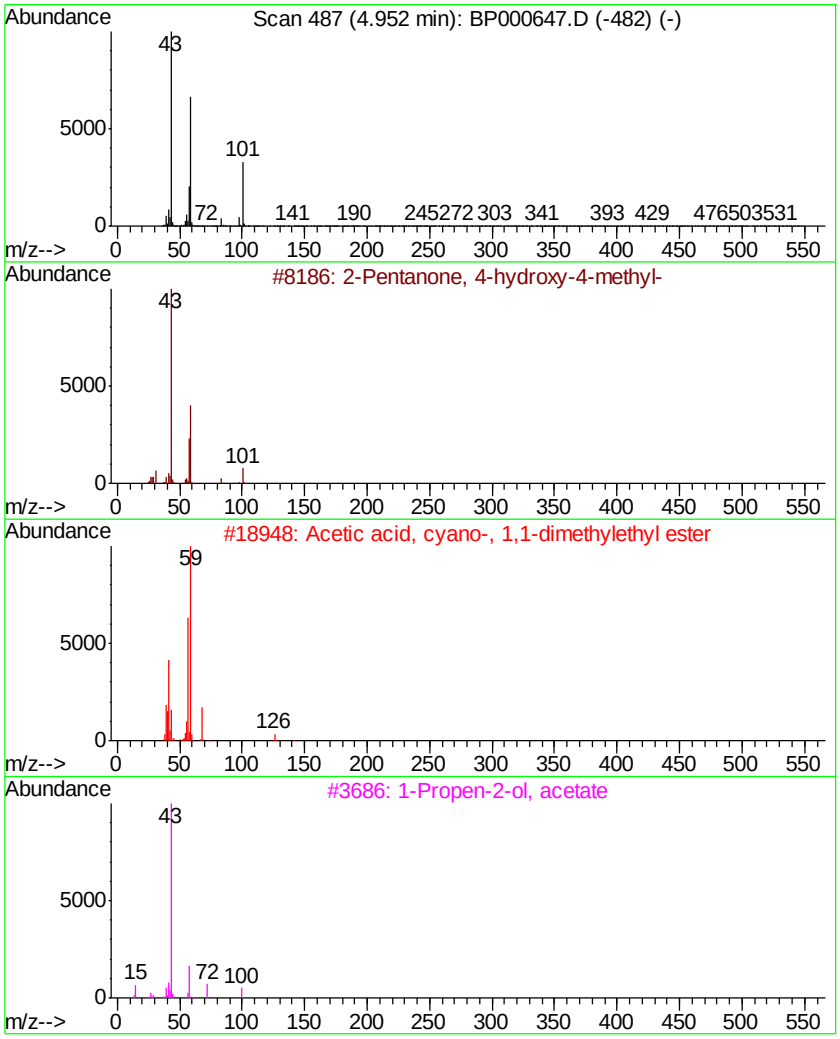
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

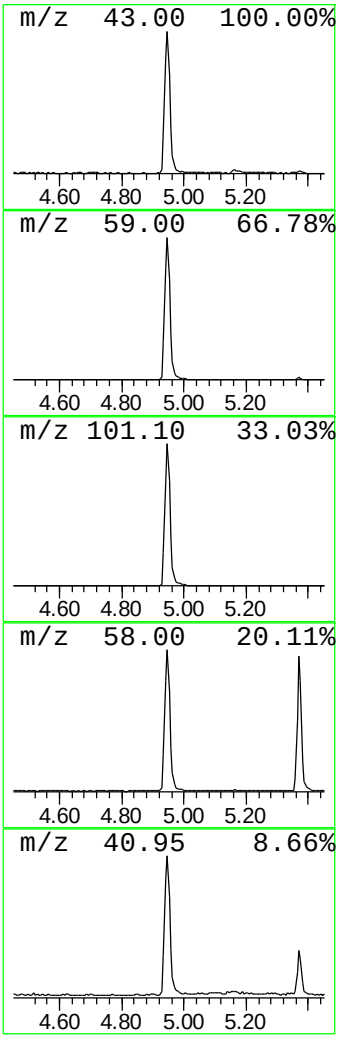
****

Peak Number 1 unknown4.95 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	4.81 ng	337599	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

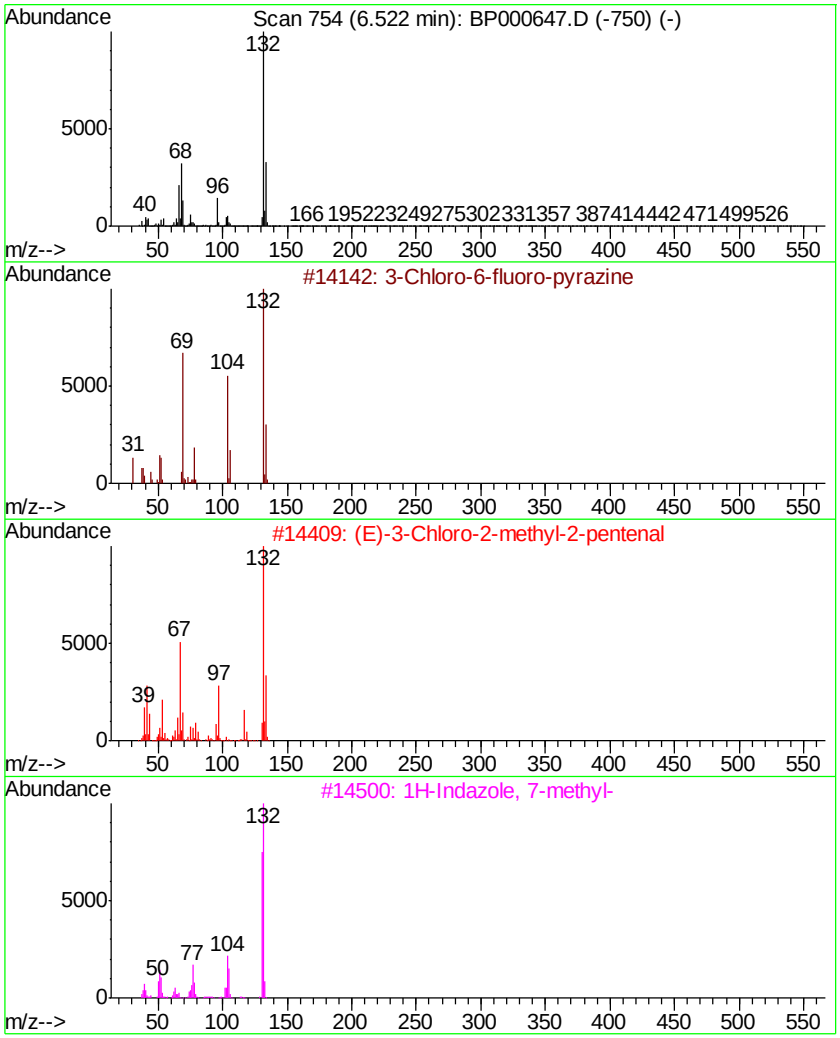
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

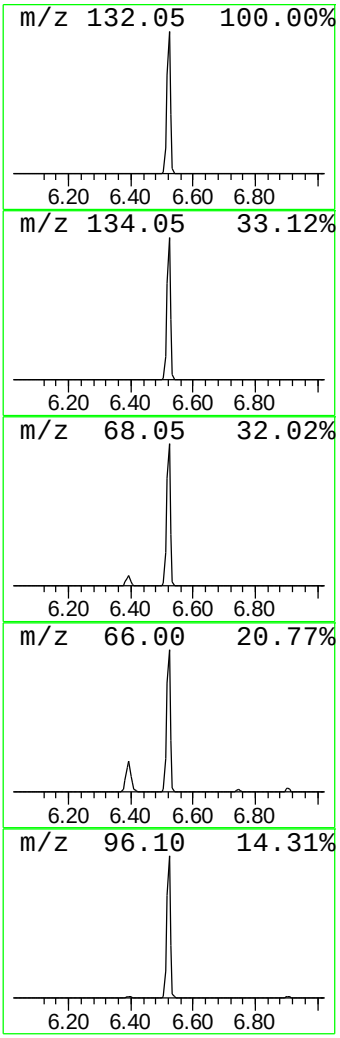
****

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	60.81 ng	4263910	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

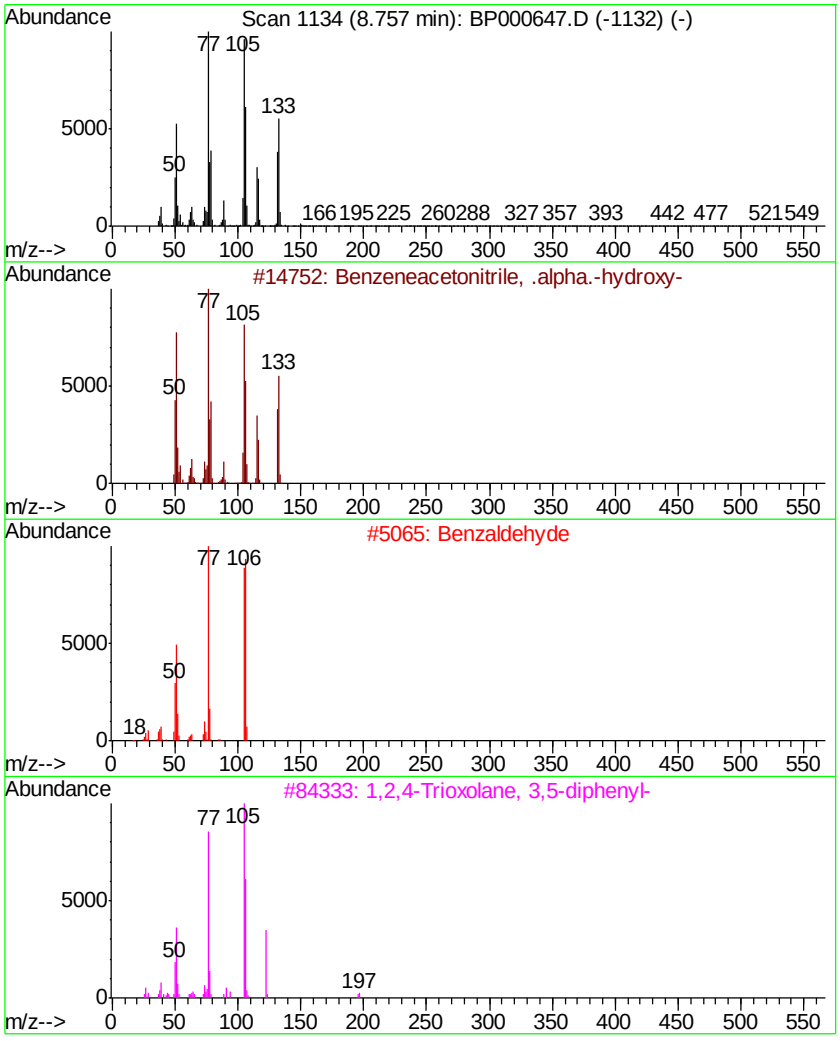
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

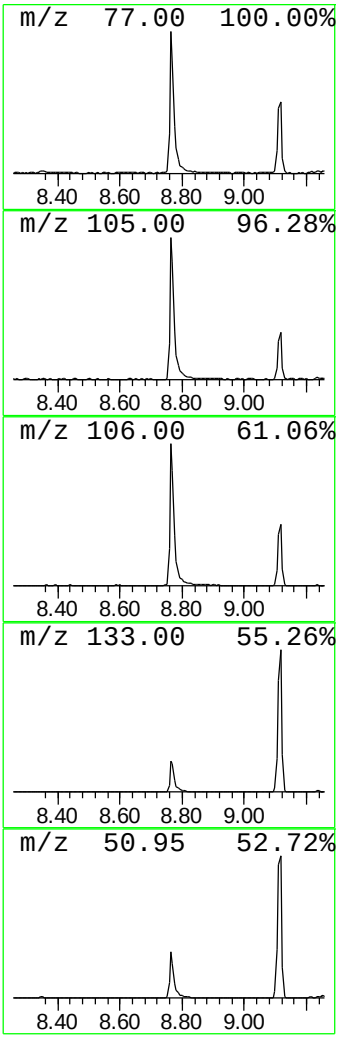
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzeneacetonitrile, .alpha... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	3.16 ng	288819	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	98
2	Benzaldehyde	106	C7H6O	000100-52-7	55
3	1,2,4-Trioxolane, 3,5-diphenyl-	228	C14H12O3	023888-15-5	43
4	Benzamide, N-[5-(4-pyridinyl)-1H...	265	C14H11N5O	1000319-96-5	35
5	(1,2,3)-Triazolo[4,5-b]-furazano...	269	C11H7N7O2	294874-14-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

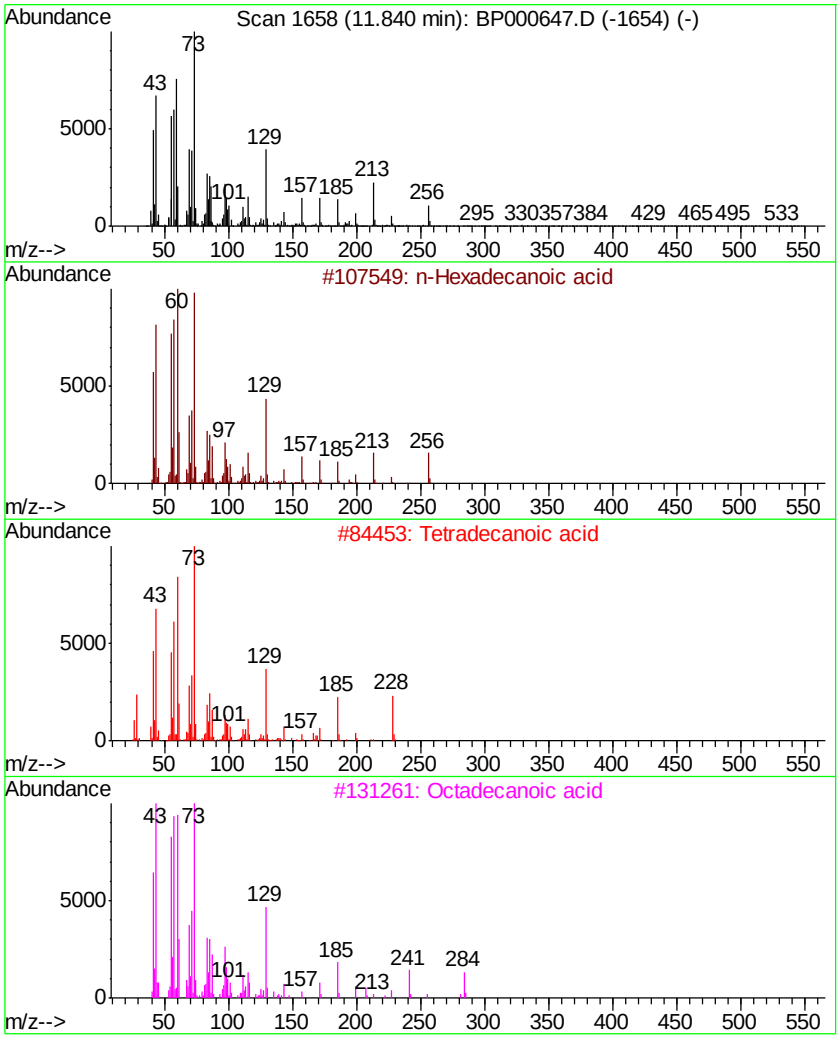
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

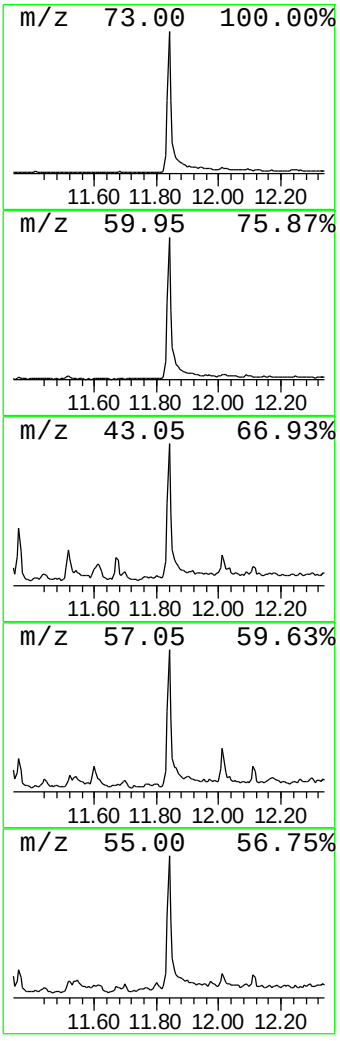
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.60 ng	328060	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Library Search Compound Report

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Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

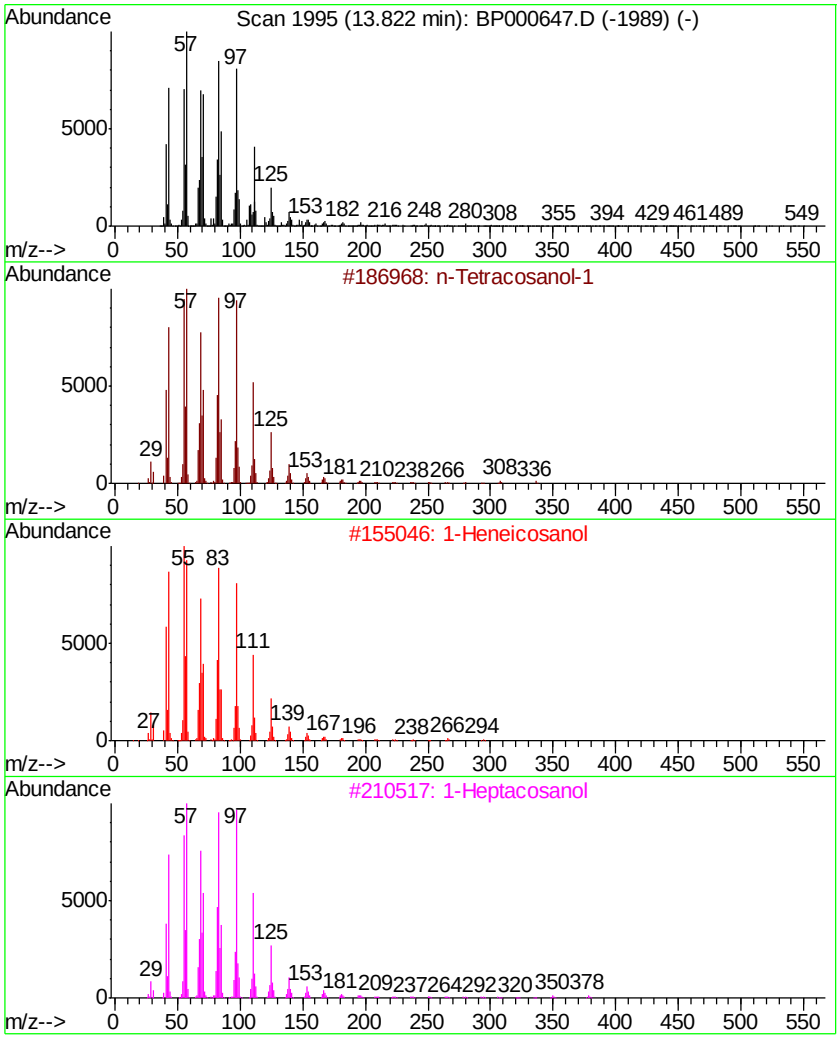
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

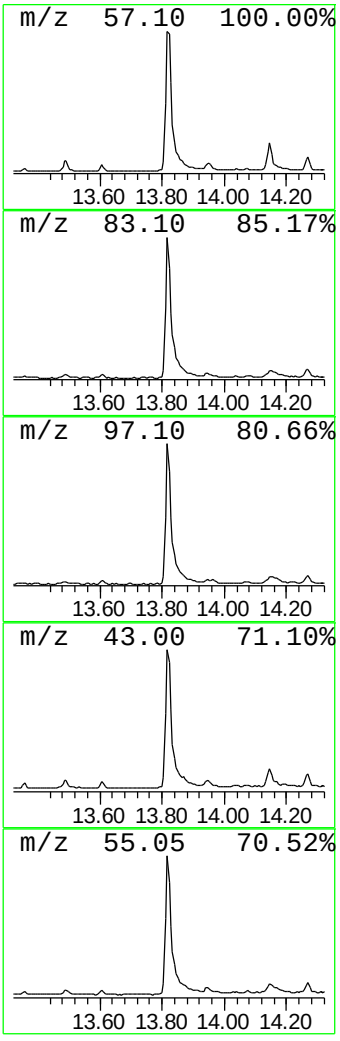
****

Peak Number 6 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	16.69 ng	2217970	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	Cyclopentadecane	210	C15H30	000295-48-7	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Library Search Compound Report

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Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
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Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

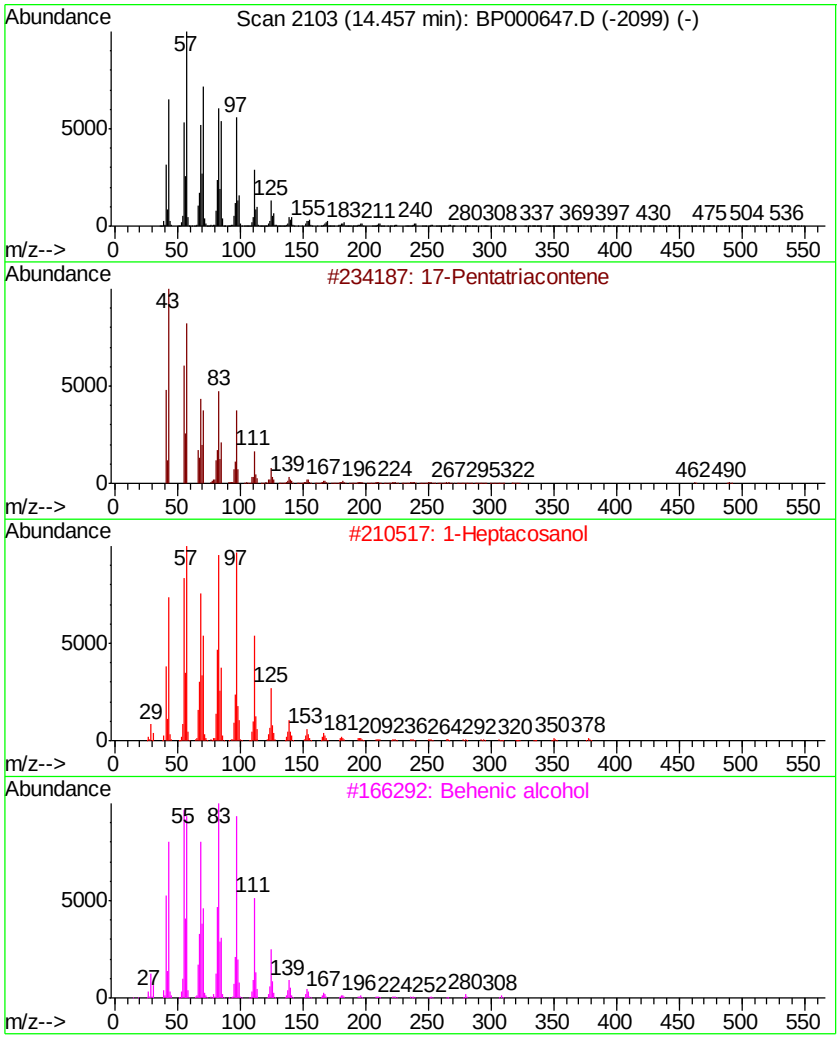
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

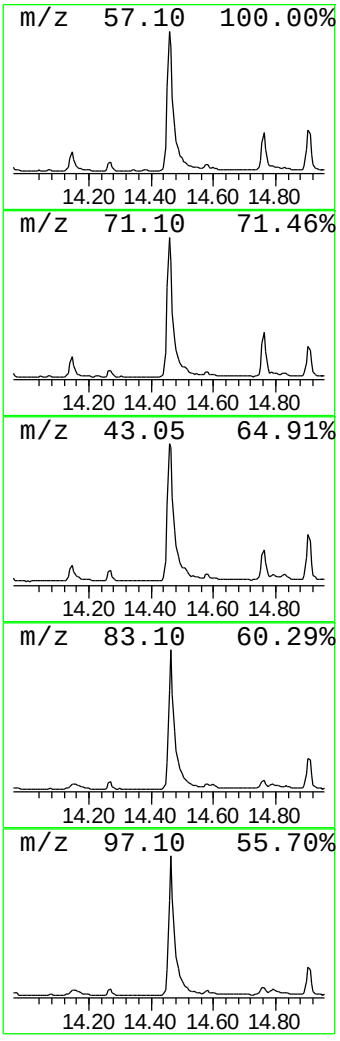
****

Peak Number 7 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	16.03 ng	2129950	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	96
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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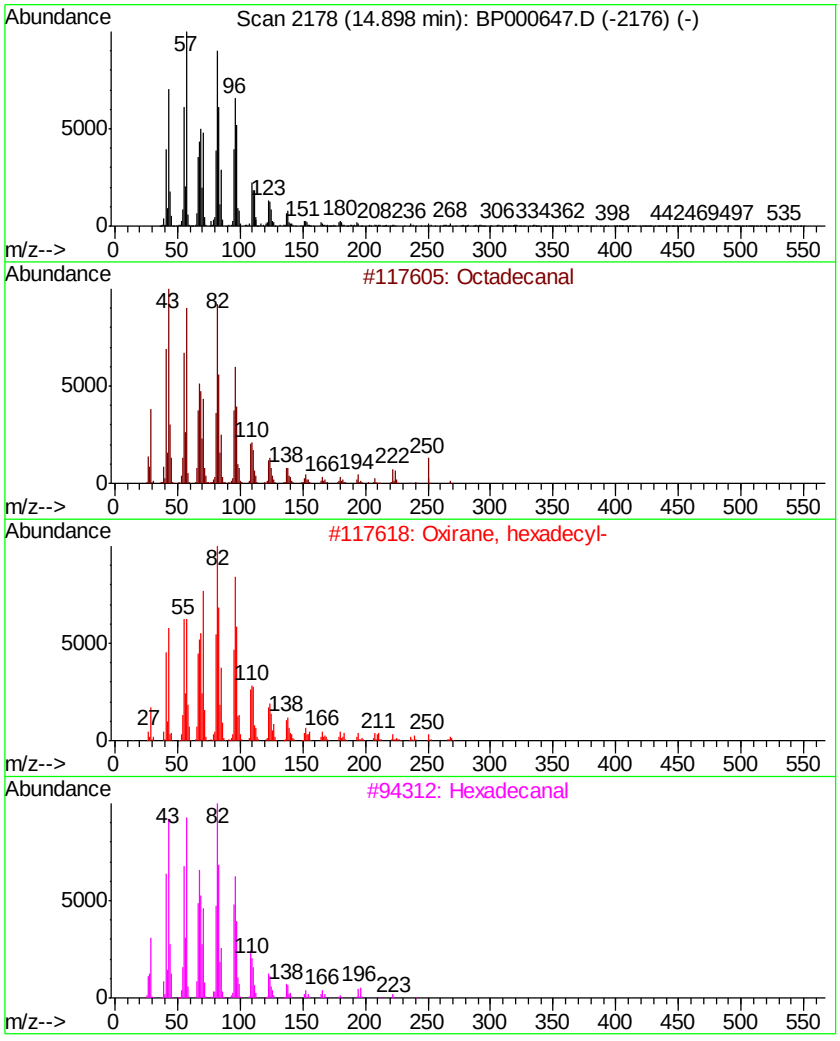
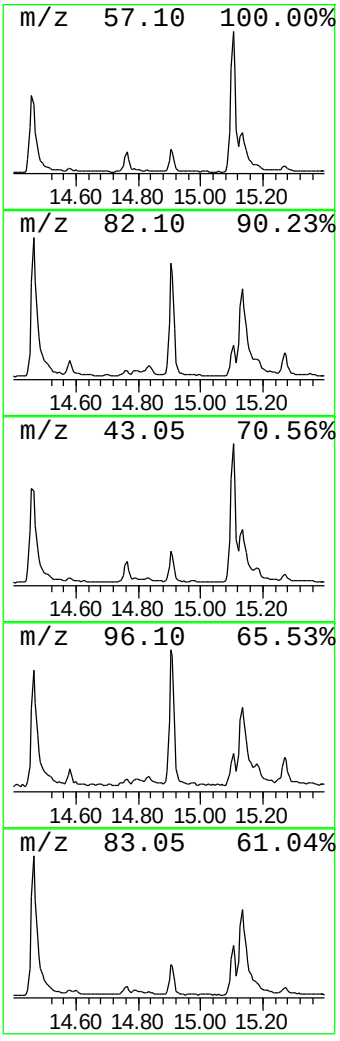
Peak Number 8 Octadecanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	4.67 ng	533060	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3	Hexadecanal	240	C16H32O	000629-80-1	93
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	1,19-Eicosadiene	278	C20H38	014811-95-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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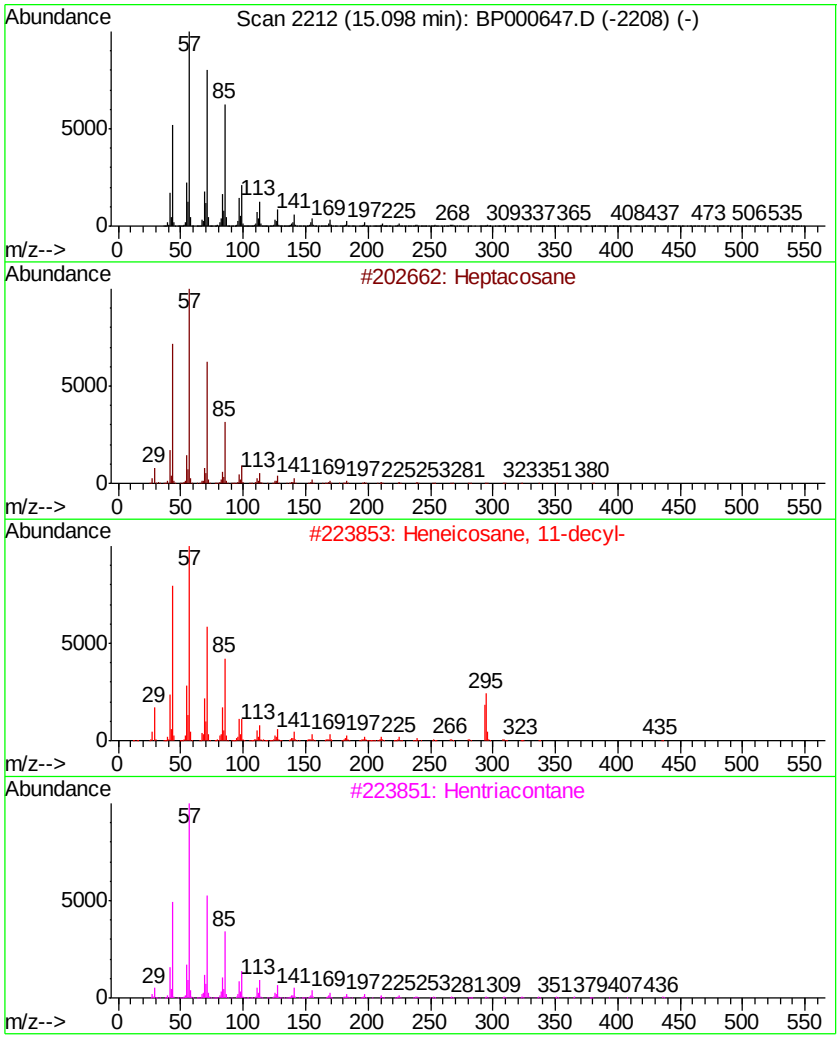
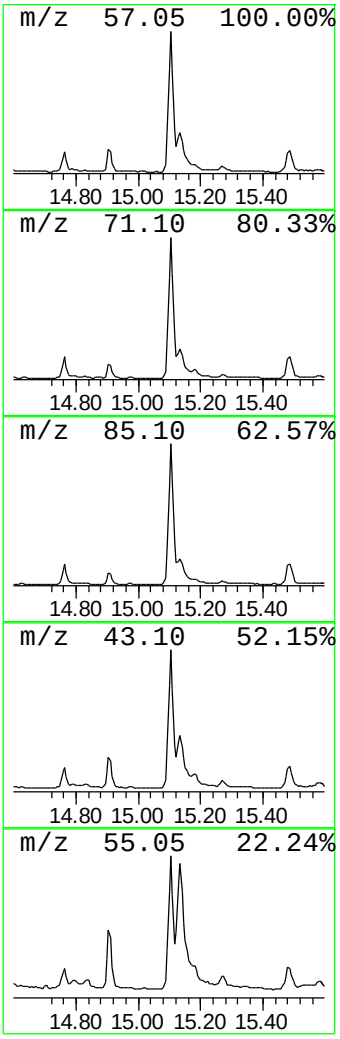
Peak Number 9 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	15.65 ng	1784820	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
3	Hentriacontane	437	C31H64	000630-04-6	95
4	Nonadecane	268	C19H40	000629-92-5	93
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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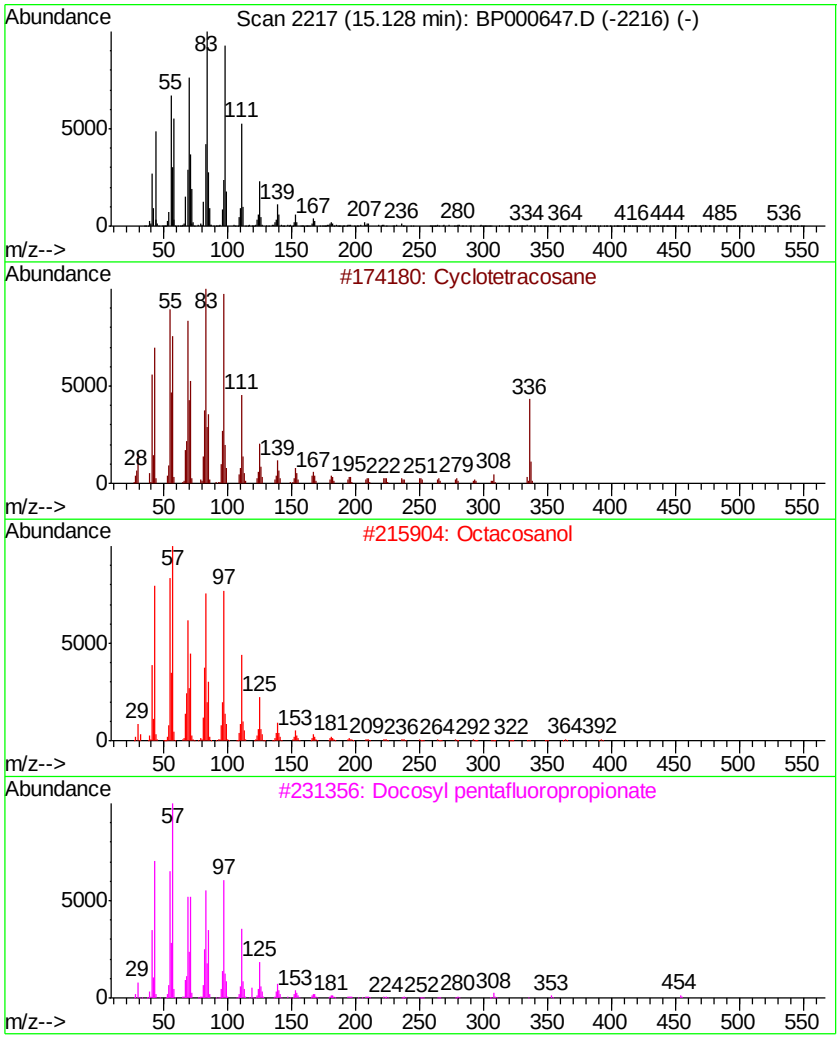
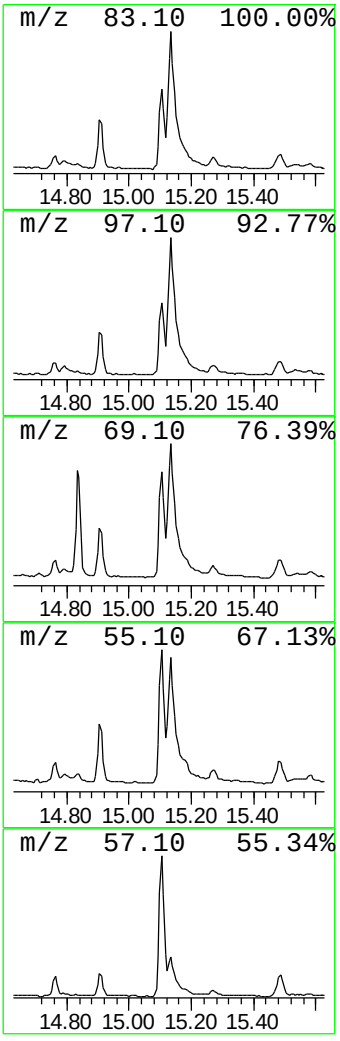
Peak Number 10 Cyclotetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	8.15 ng	929166	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Octacosanol	410	C28H58O	000557-61-9	91
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





Library Search Compound Report

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Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

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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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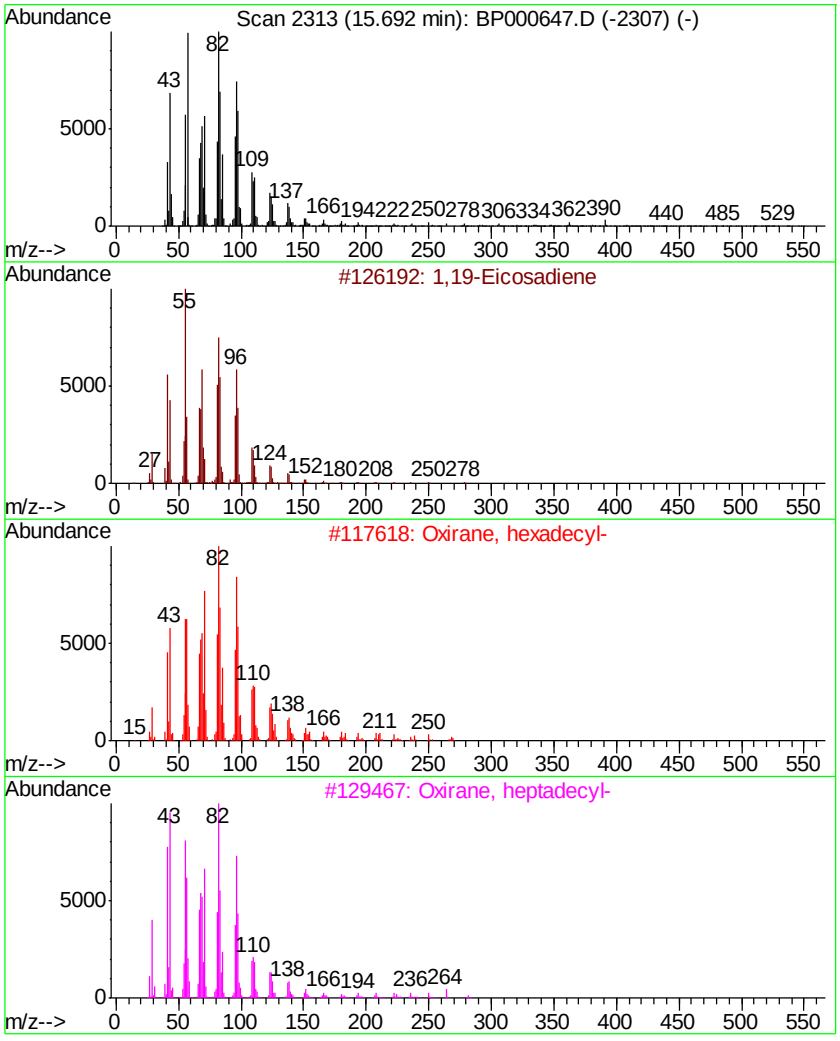
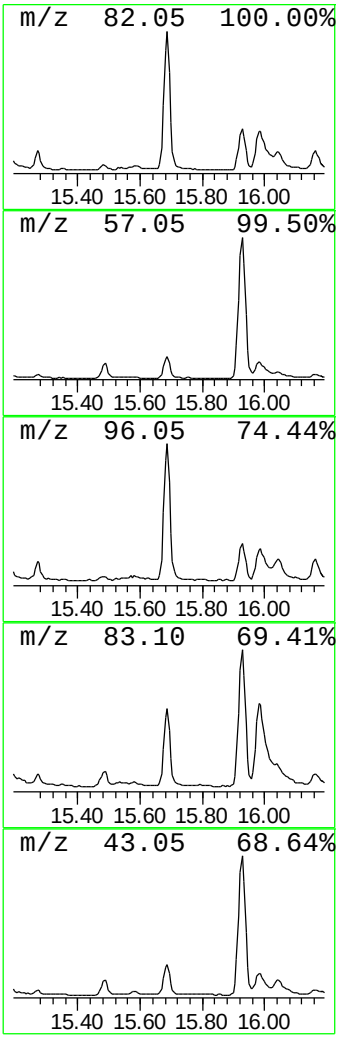
Peak Number 11 1,19-Eicosadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	8.15 ng	929294	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Octadecanal	268	C18H36O	000638-66-4	90
5	Hexadecanal	240	C16H32O	000629-80-1	83





Library Search Compound Report

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Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

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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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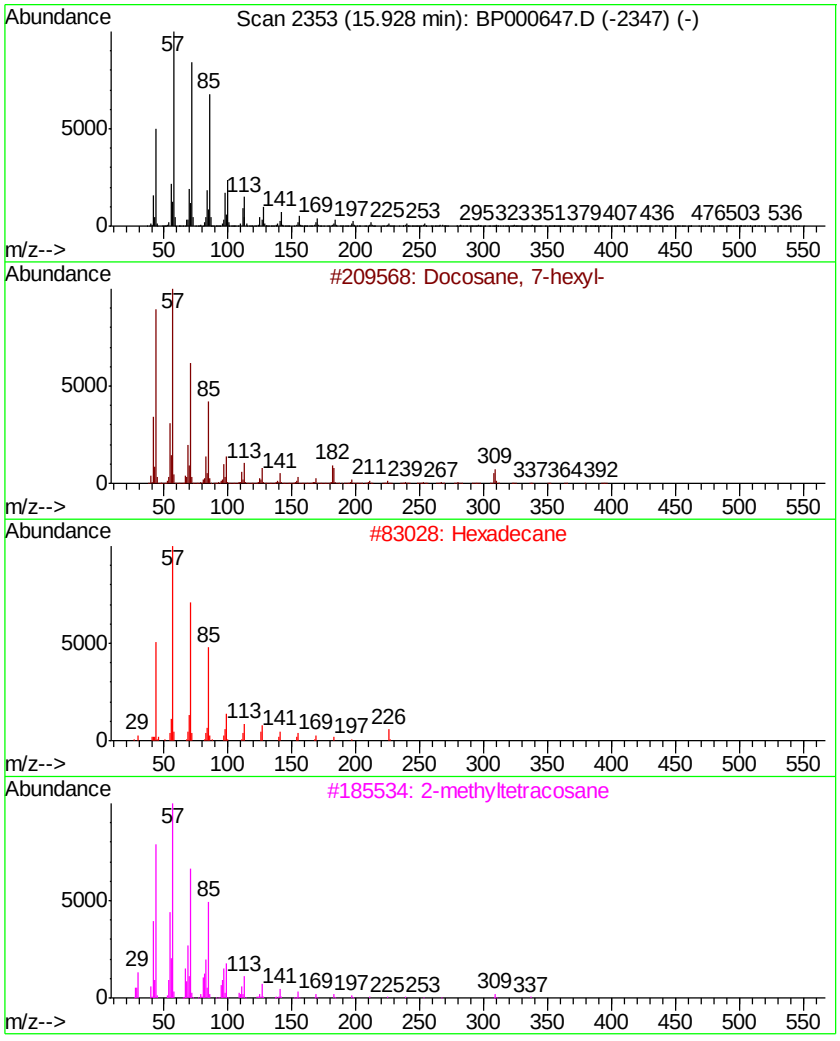
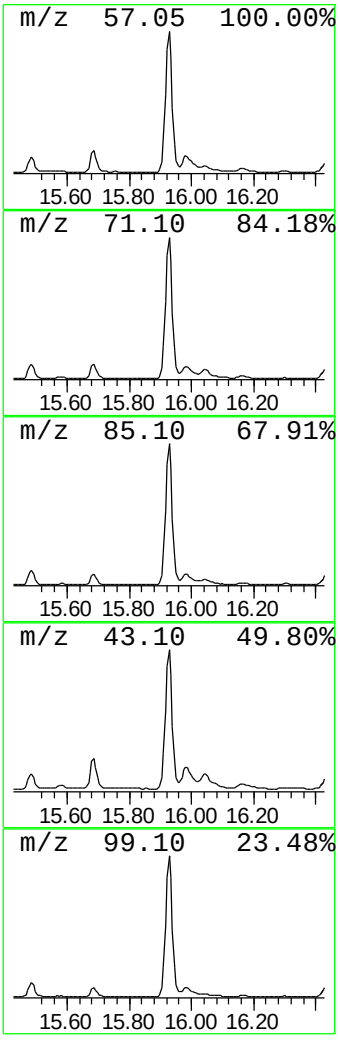
Peak Number 12 Docosane, 7-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	29.25 ng	3336050	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	2-methyltetracosane	352	C25H52	1000376-72-6	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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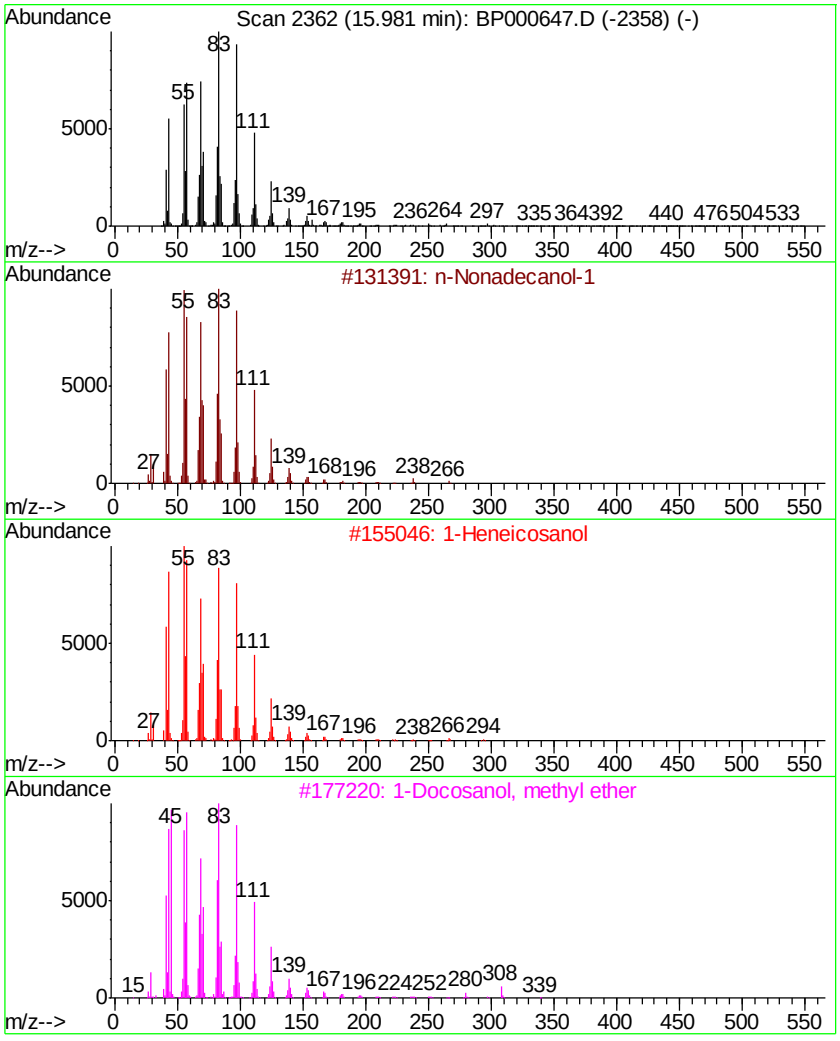
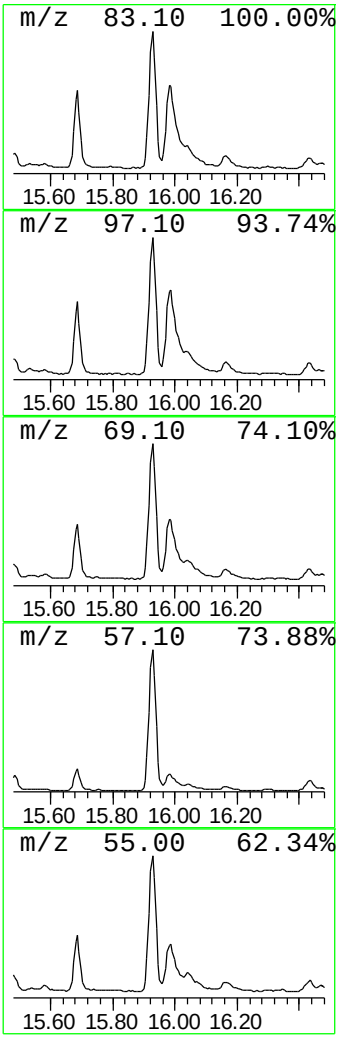
Peak Number 13 n-Nonadecanol-1 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	7.03 ng	801453	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	91
4	Cyclohexadecane	224	C16H32	000295-65-8	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





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Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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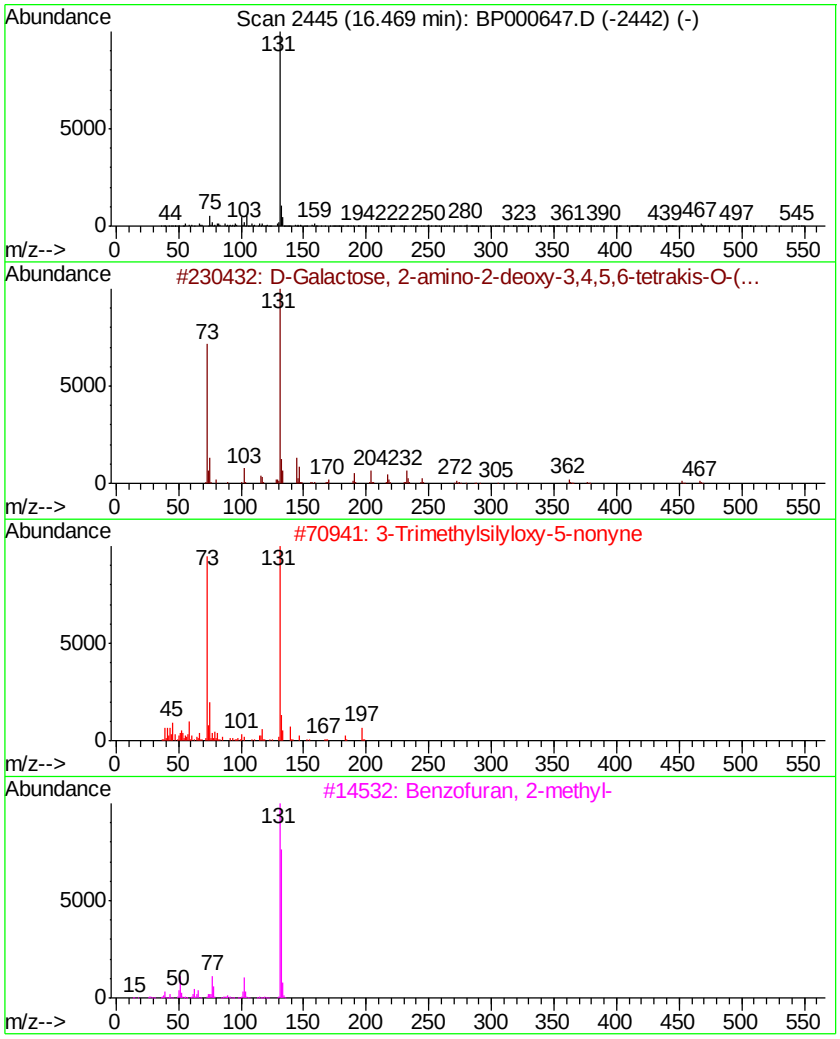
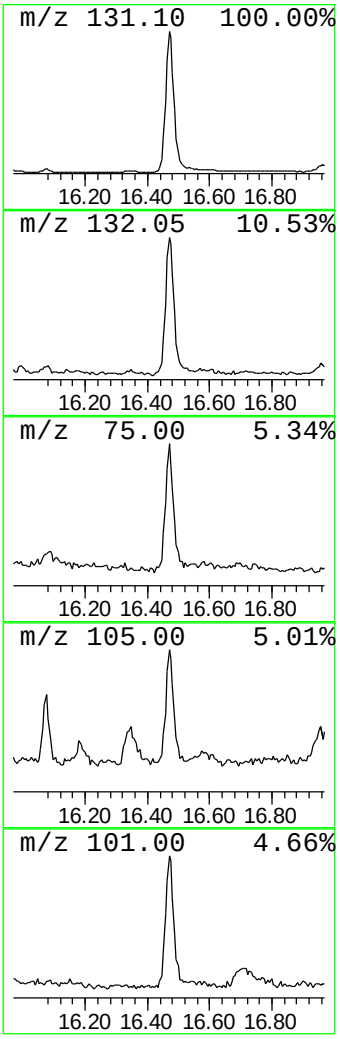
Peak Number 14 D-Galactose, 2-amino-2-deox... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.62 ng	299413	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Galactose, 2-amino-2-deoxy-3,4...	467	C18H45NO5Si4	056248-47-6	72
2	3-Trimethylsilyloxy-5-nonyne	212	C12H24OSi	1000245-72-4	43
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	9
4	1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	9
5	.beta.-Eudesmol, trimethylsilyl ...	294	C18H34OSi	1000334-00-1	9





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Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

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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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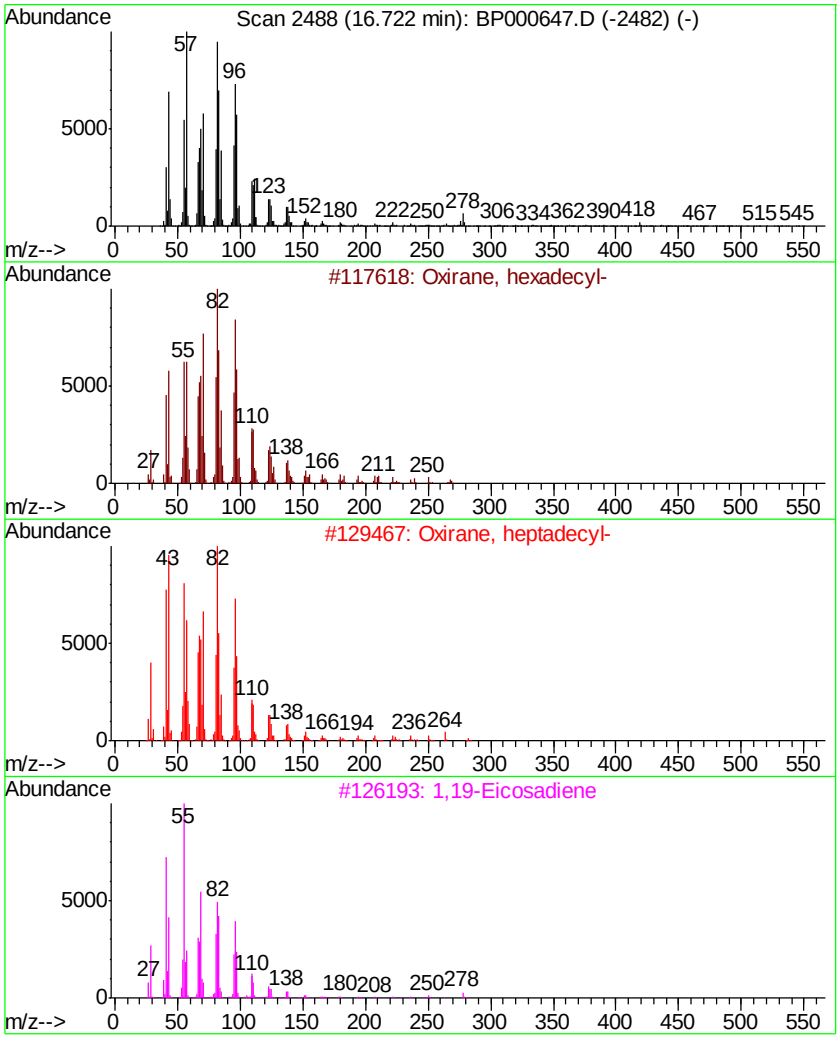
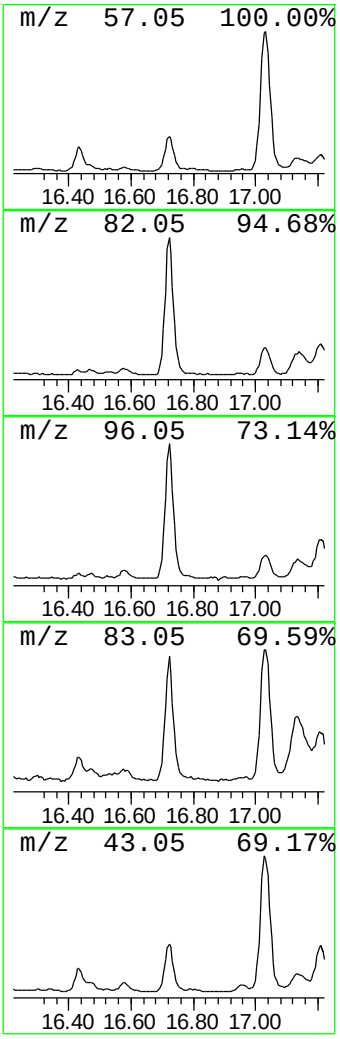
Peak Number 15 Oxirane, hexadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	8.09 ng	922888	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	1,19-Eicosadiene	278	C20H38	014811-95-1	86
4	16-Octadecenal	266	C18H34O	056554-87-1	74
5	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	64





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Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

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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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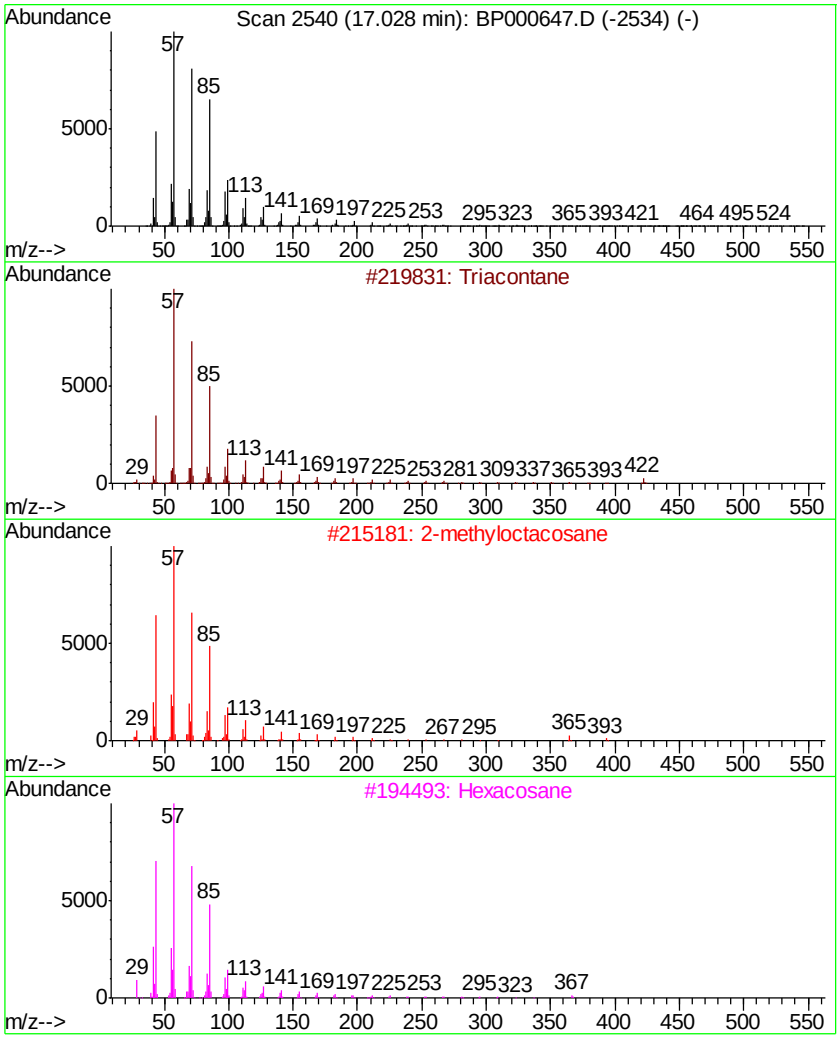
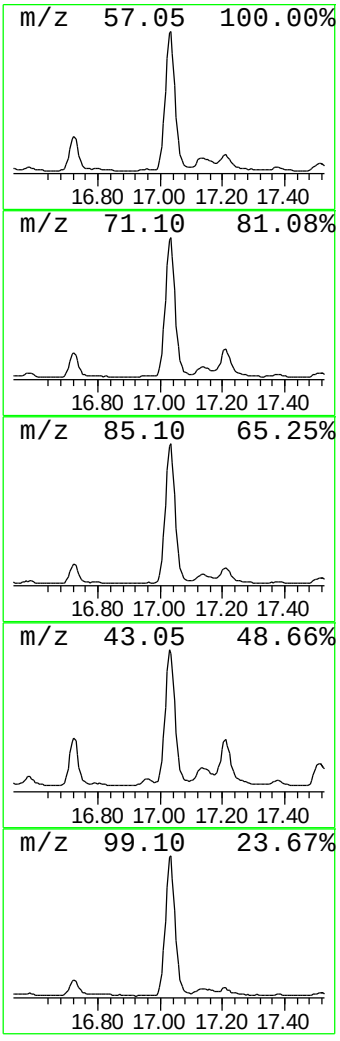
Peak Number 16 Triacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	17.34 ng	1978040	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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Operator : JU
Sample : K5298-05
Misc :
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Instrument : BNA_P
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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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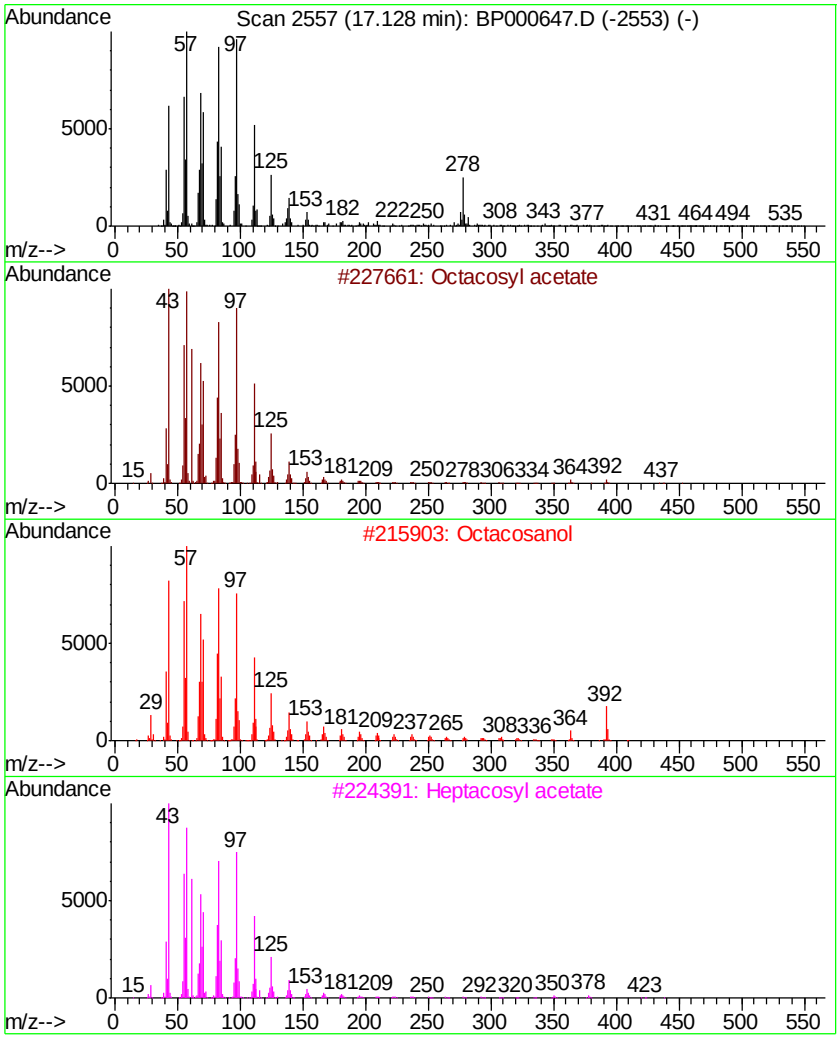
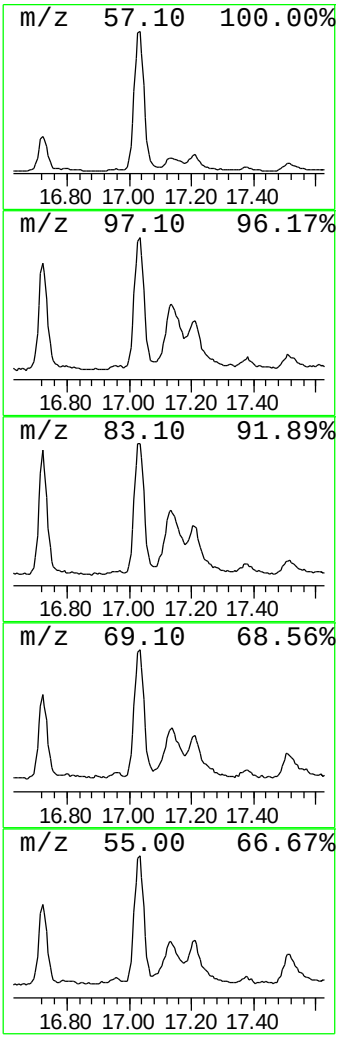
Peak Number 17 Octacosyl acetate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	5.42 ng	618217	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	96
2	Octacosanol	410	C28H58O	000557-61-9	94
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
4	Triacontyl acetate	480	C32H64O2	041755-58-2	94
5	1-Triacontanol	438	C30H62O	000593-50-0	94





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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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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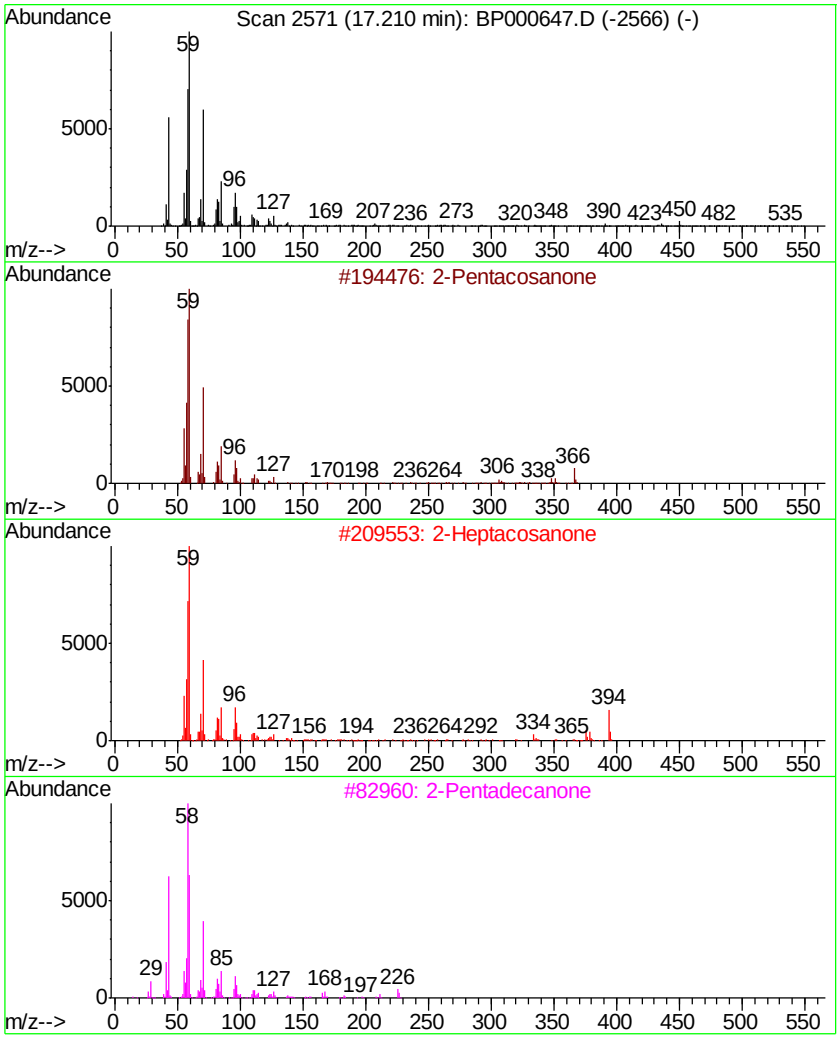
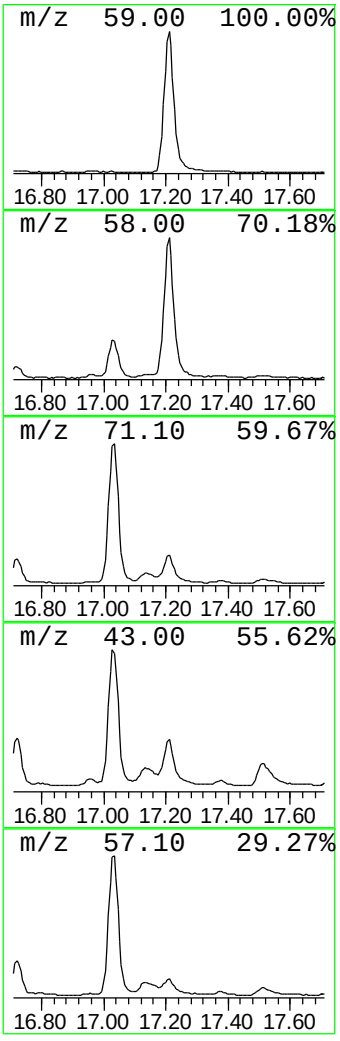
Peak Number 18 2-Pentacosanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	7.44 ng	848676	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	90
2	2-Heptacosanone	394	C27H54O	007796-19-2	80
3	2-Pentadecanone	226	C15H30O	002345-28-0	59
4	2-Tridecanone	198	C13H26O	000593-08-8	50
5	2-Heptadecanone	254	C17H34O	002922-51-2	50





Library Search Compound Report

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Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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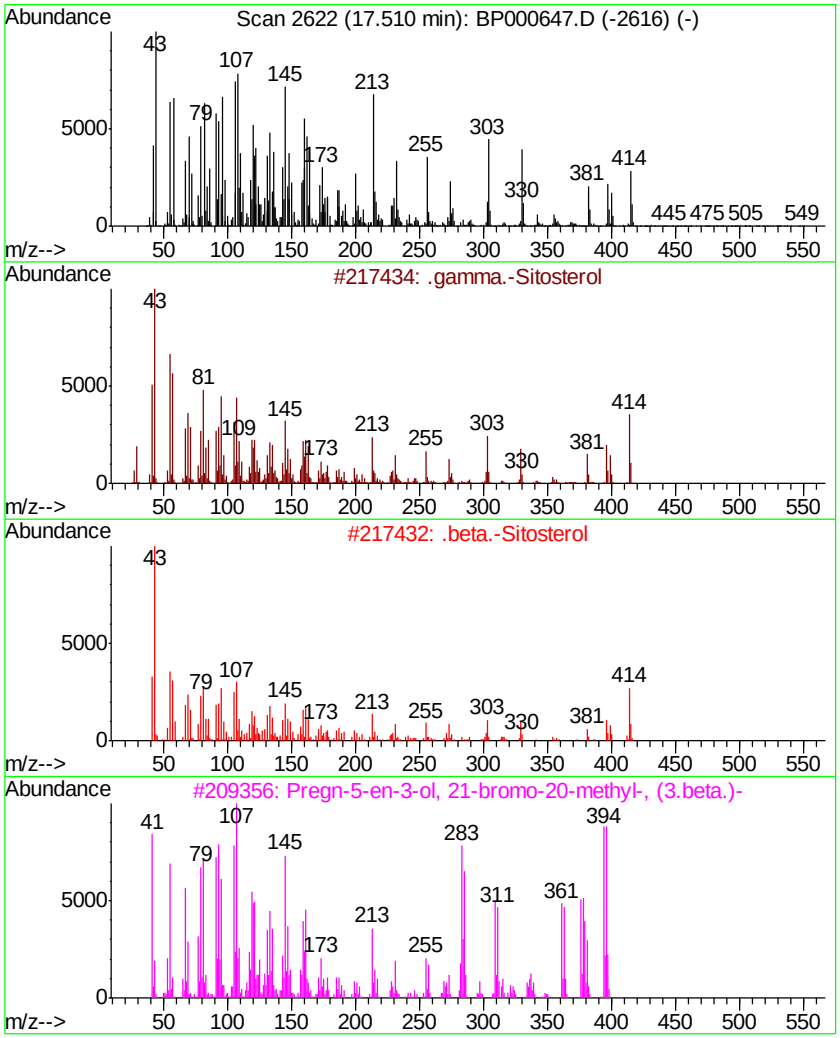
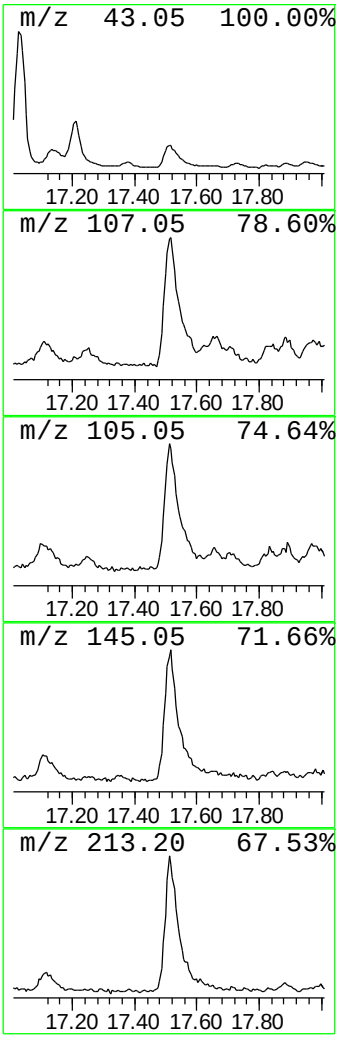
Peak Number 19 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	10.56 ng	1204500	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	91
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	30
5	1-Oxaspiro[4.4]nonane-4-carboxam...	273	C16H19NO3	1000319-97-0	18





Library Search Compound Report

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Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

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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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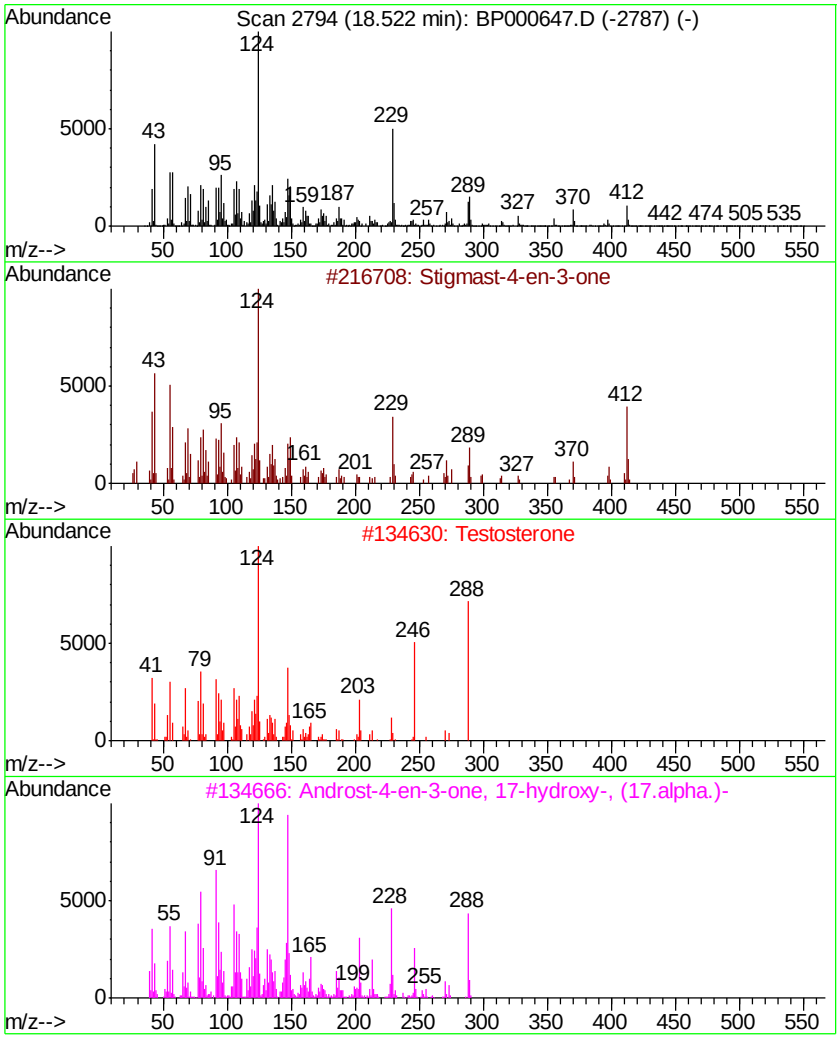
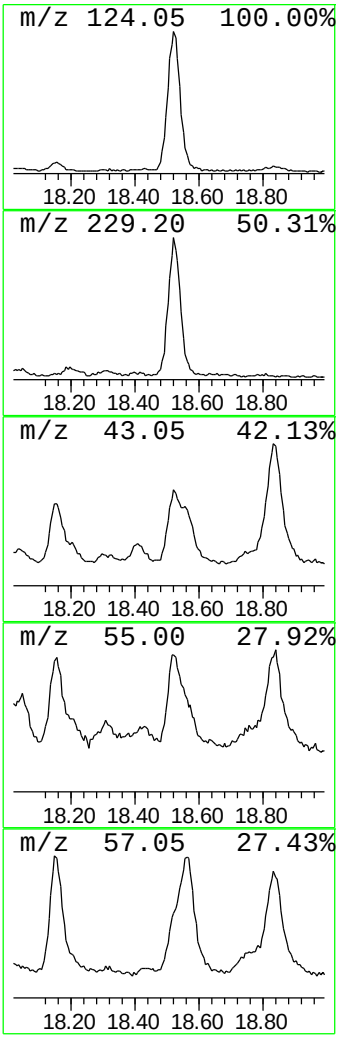
Peak Number 20 Stigmast-4-en-3-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	7.64 ng	871591	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	64
2	Testosterone	288	C19H28O2	000058-22-0	60
3	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	47
4	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	45
5	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	27





Tentatively Identified Compound (LSC) summary

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Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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
unknown4.95	4.95	4.8	ng	337599	1	6.75	1402380	20.0
unknown6.52	6.52	60.8	ng	4263910	1	6.75	1402380	20.0
Benzeneacetonitri...	8.76	3.2	ng	288819	2	8.03	1827620	20.0
n-Hexadecanoic acid	11.84	2.6	ng	328060	4	11.29	2523270	20.0
n-Tetracosanol-1	13.82	16.7	ng	2217970	5	13.96	2658090	20.0
17-Pentatriacontene	14.46	16.0	ng	2129950	5	13.96	2658090	20.0
Octadecanal	14.90	4.7	ng	533060	6	15.44	2281390	20.0
Heptacosane	15.10	15.7	ng	1784820	6	15.44	2281390	20.0
Cyclotetracosane	15.13	8.2	ng	929166	6	15.44	2281390	20.0
1,19-Eicosadiene	15.69	8.2	ng	929294	6	15.44	2281390	20.0
Docosane, 7-hexyl-	15.93	29.3	ng	3336050	6	15.44	2281390	20.0
n-Nonadecanol-1	15.98	7.0	ng	801453	6	15.44	2281390	20.0
D-Galactose, 2-am...	16.47	2.6	ng	299413	6	15.44	2281390	20.0
Oxirane, hexadecyl-	16.72	8.1	ng	922888	6	15.44	2281390	20.0
Triacontane	17.03	17.3	ng	1978040	6	15.44	2281390	20.0
Octacosyl acetate	17.13	5.4	ng	618217	6	15.44	2281390	20.0
2-Pentacosanone	17.21	7.4	ng	848676	6	15.44	2281390	20.0
.gamma.-Sitosterol	17.51	10.6	ng	1204500	6	15.44	2281390	20.0
Stigmast-4-en-3-one	18.52	7.6	ng	871591	6	15.44	2281390	20.0