LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116045.D
Acq On : 7 Aug 2019 12:47
Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	18	rVB	840789	1105048	38.30%	2.981%
2	5.469	571	575	598	rBV	2520969	2673634	92.66%	7.213%
3	6.481	742	747	766	rBV	2531938	2885510	100.00%	7.784%
4	6.616	766	770	773	rBV	3088910	2783911	96.48%	7.510%
5	6.839	805	808	817	rBV	834502	776241	26.90%	2.094%
6	6.998	831	835	849	rBV	2216046	1930935	66.92%	5.209%
7	7.404	900	904	916	rBV	1598038	1656011	57.39%	4.467%
8	8.122	1022	1026	1047	rBV	1021136	1013682	35.13%	2.735%
9	9.198	1204	1209	1220	rBV	2537649	2569808	89.06%	6.933%
10	9.586	1272	1275	1288	rBV	580710	645389	22.37%	1.741%
11	9.874	1320	1324	1340	rVB	1345249	1209634	41.92%	3.263%
12	10.663	1455	1458	1476	rBV	1215316	1358240	47.07%	3.664%
13	11.363	1573	1577	1584	rBV	1328029	1241466	43.02%	3.349%
14	11.886	1661	1666	1679	rBV2	222350	387151	13.42%	1.044%
15	12.433	1756	1759	1767	rVB4	41608	49673	1.72%	0.134%
16	12.580	1781	1784	1790	rBV	66755	86934	3.01%	0.235%
17	12.674	1794	1800	1818	rVV	428050	771580	26.74%	2.082%
18	12.810	1820	1823	1826	rVB2	62168	61988	2.15%	0.167%
19	12.945	1841	1846	1849	rBV	2739694	2481031	85.98%	6.693%
20	13.168	1881	1884	1888	rBV2	44744	41948	1.45%	0.113%
21	13.527	1937	1945	1949	rVB3	185378	233246	8.08%	0.629%
22	13.733	1975	1980	1982	rBV2	272819	352980	12.23%	0.952%
23	13.757	1982	1984	1991	rVB3	112829	160083	5.55%	0.432%
24	13.845	1991	1999	2006	rBV4	150526	425919	14.76%	1.149%
25	13.898	2006	2008	2013	rVV2	242092	248232	8.60%	0.670%
26	13.939	2013	2015	2018	rVV	60611	56312	1.95%	0.152%
27	13.974	2018	2021	2023	rVV	155641	151956	5.27%	0.410%
28	14.004	2023	2026	2040	rVB	940399	938607	32.53%	2.532%
29	14.151	2047	2051	2055	rBV	120567	129929	4.50%	0.351%
30	14.309	2075	2078	2082	rBV	43758	40665	1.41%	0.110%
31	14.457	2098	2103	2106	rBV	413906	408866	14.17%	1.103%
32	14.492	2106	2109	2112	rVV3	53876	90504	3.14%	0.244%
33	14.527	2112	2115	2121	rVB	170696	194466	6.74%	0.525%
34	14.762	2149	2155	2164	rBV	539363	623137	21.60%	1.681%

LSC Area Percent Report

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Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.904	2176	2179	2182	rBV3	36031	40627	1.41%	0.110%
36	15.092	2206	2211	2218	rBV	895363	1059863	36.73%	2.859%
37	15.345	2252	2254	2261	rVB3	34434	46063	1.60%	0.124%
38	15.468	2269	2275	2291	rBV	1082153	1590071	55.11%	4.290%
39	15.662	2304	2308	2313	rBV2	61269	84439	2.93%	0.228%
40	15.727	2316	2319	2324	rVB4	20034	31376	1.09%	0.085%
41	15.898	2341	2348	2357	rBV	441420	718925	24.92%	1.939%
42	16.392	2425	2432	2442	rBV2	202483	367451	12.73%	0.991%
43	16.680	2475	2481	2486	rBV2	90599	167070	5.79%	0.451%
44	16.974	2525	2531	2541	rVB2	73301	162027	5.62%	0.437%
45	17.556	2622	2630	2638	rVB2	321754	736776	25.53%	1.988%
46	17.686	2649	2652	2661	rVB4	69709	143309	4.97%	0.387%
47	17.821	2670	2675	2677	rBV5	34279	61345	2.13%	0.165%
48	18.033	2702	2711	2723	rVB2	536848	1334221	46.24%	3.599%
49	18.297	2743	2756	2763	rBV2	96844	419112	14.52%	1.131%
50	18.380	2766	2770	2780	rVB3	128989	320648	11.11%	0.865%

Sum of corrected areas: 37068039

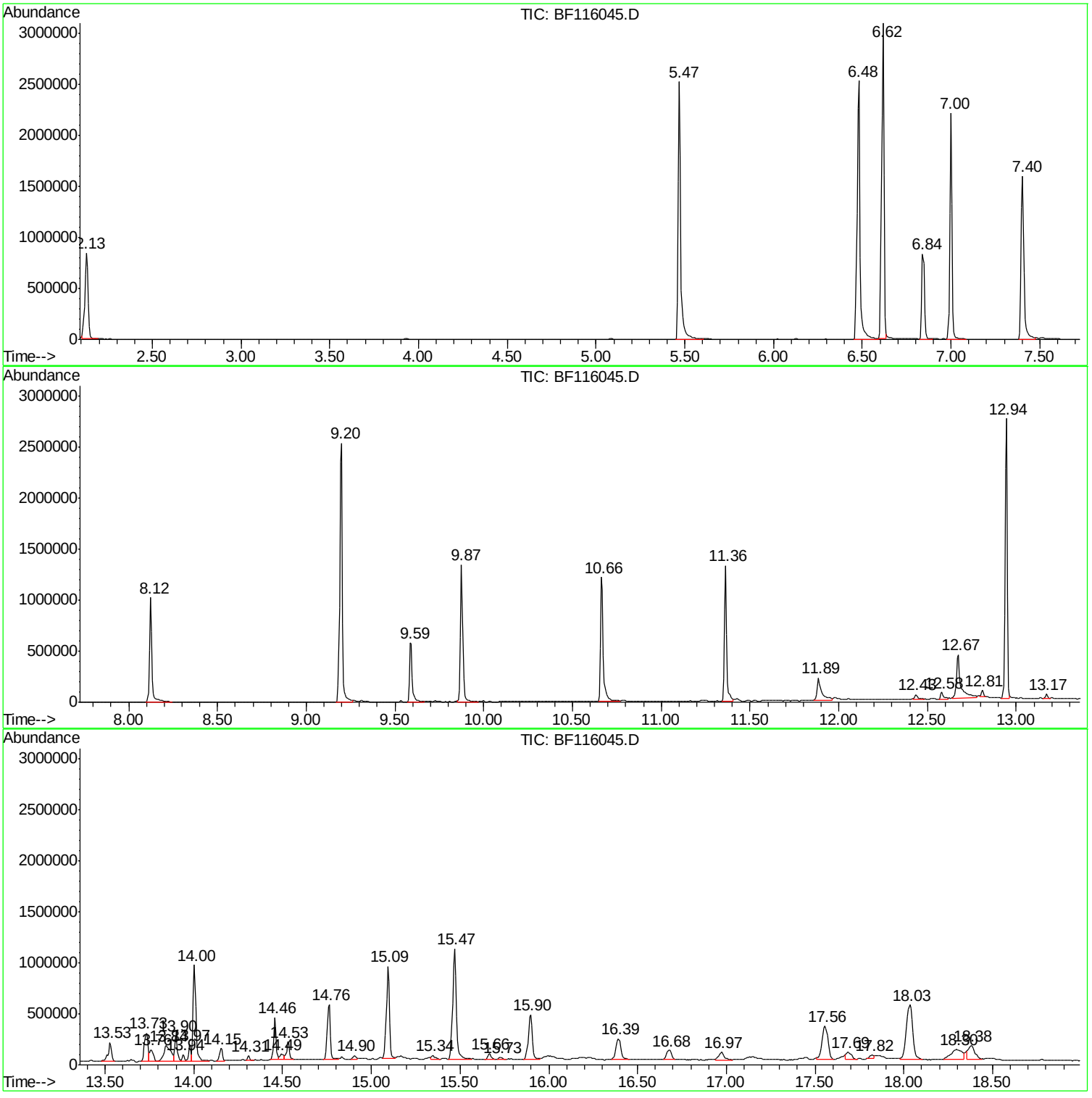
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116045.D
Acq On : 7 Aug 2019 12:47
Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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 F\DATA\BF080719\
Data File : BF116045.D
Acq On : 7 Aug 2019 12:47
Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

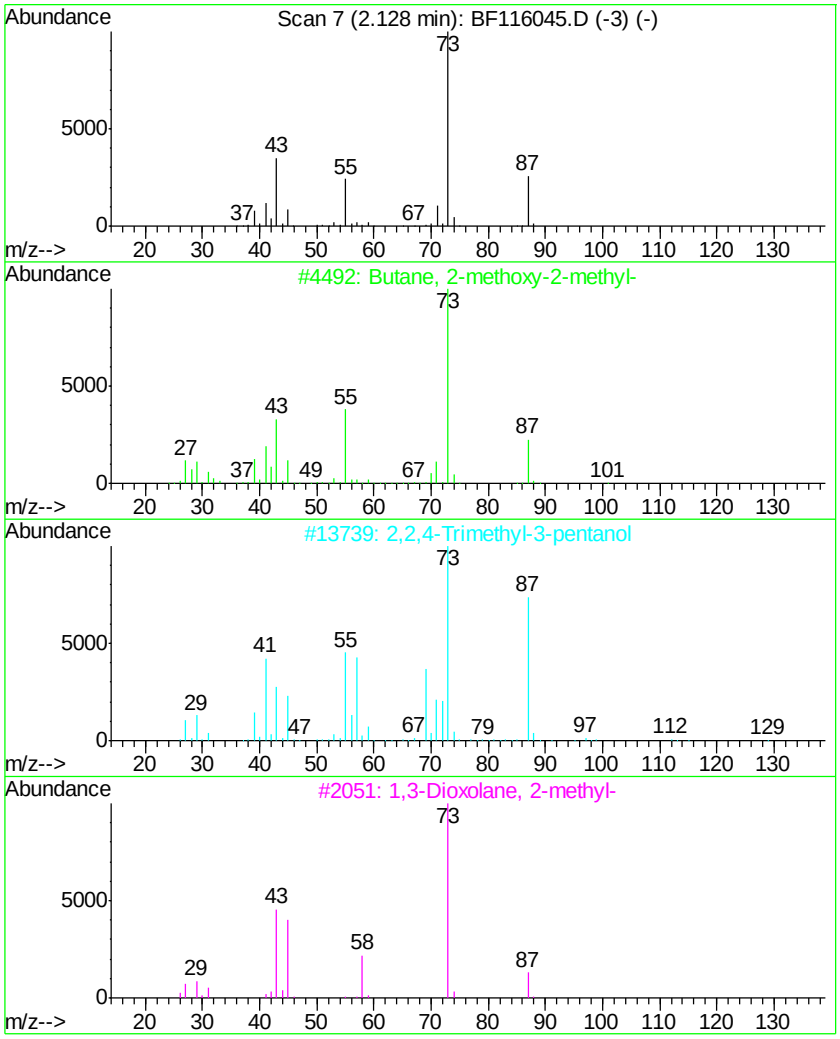
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

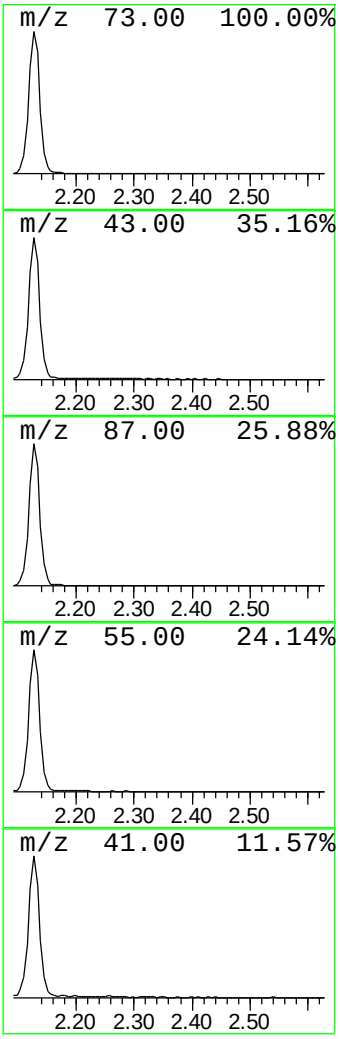
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	28.47 ng	1105050	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

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Data File : BF116045.D
Acq On : 7 Aug 2019 12:47
Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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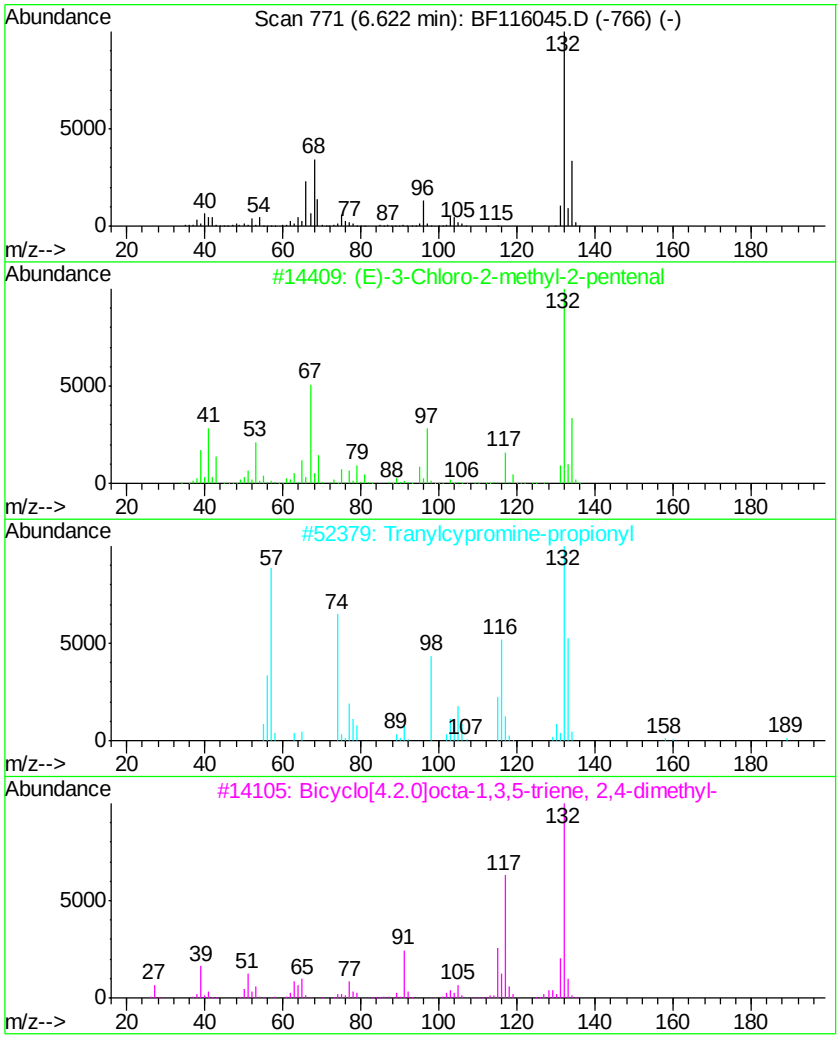
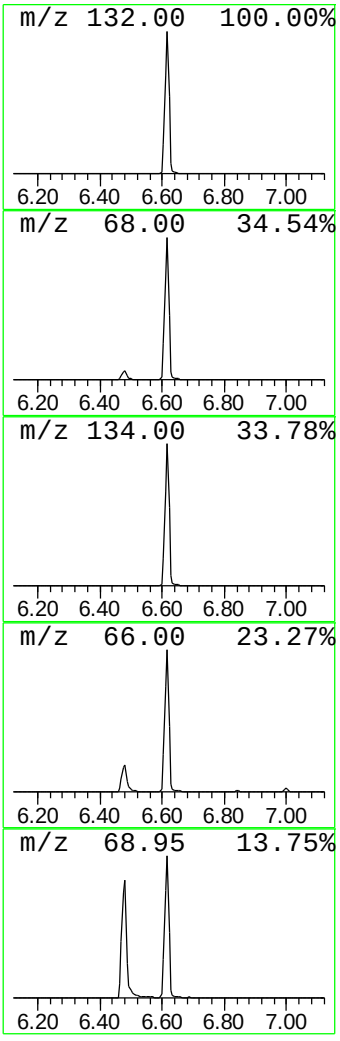
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	71.73 ng	2783910	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116045.D
Acq On : 7 Aug 2019 12:47
Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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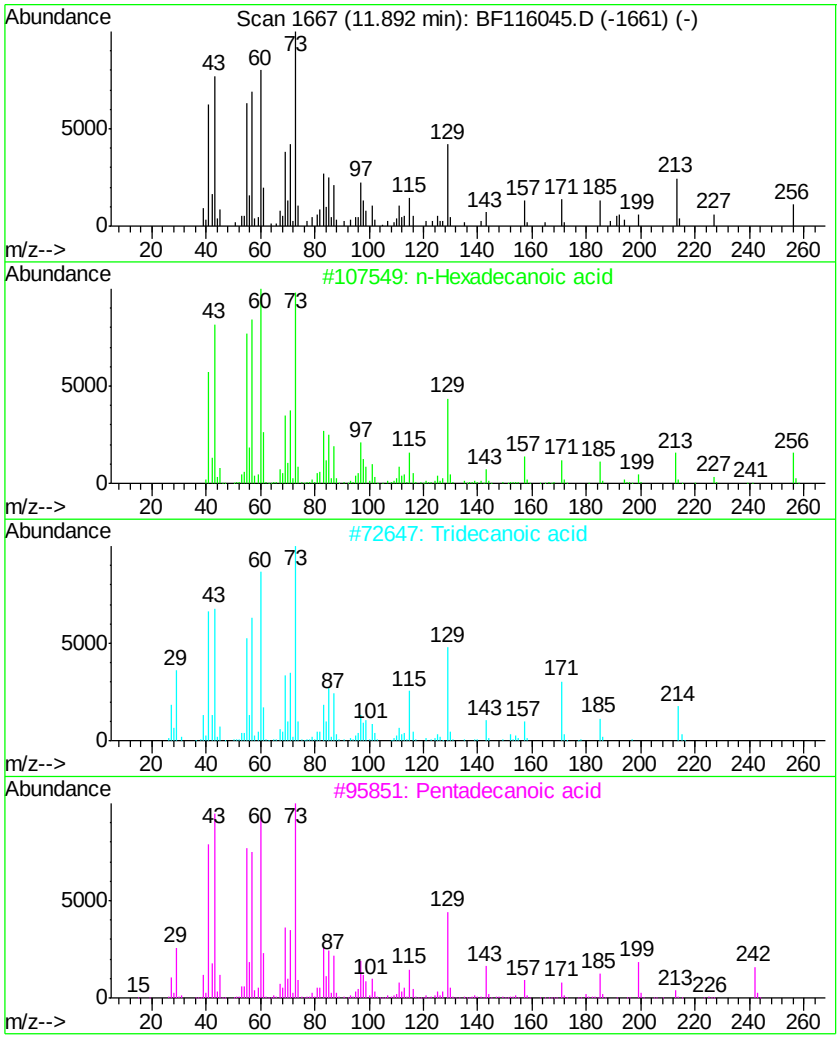
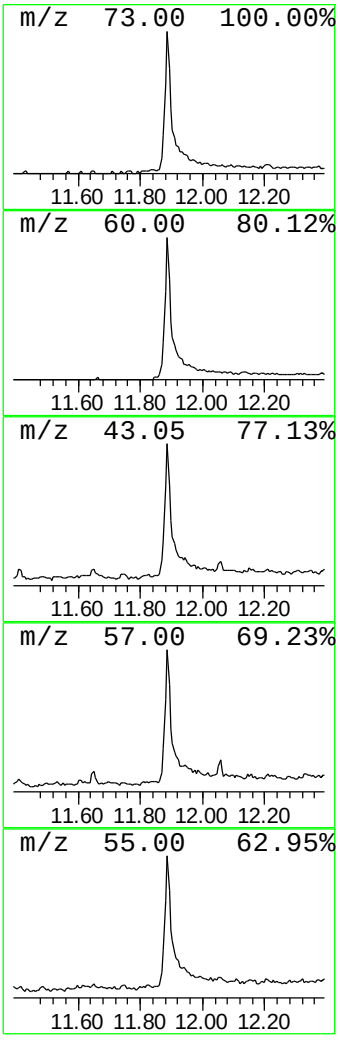
Peak Number 4 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.24 ng	387151	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116045.D
Acq On : 7 Aug 2019 12:47
Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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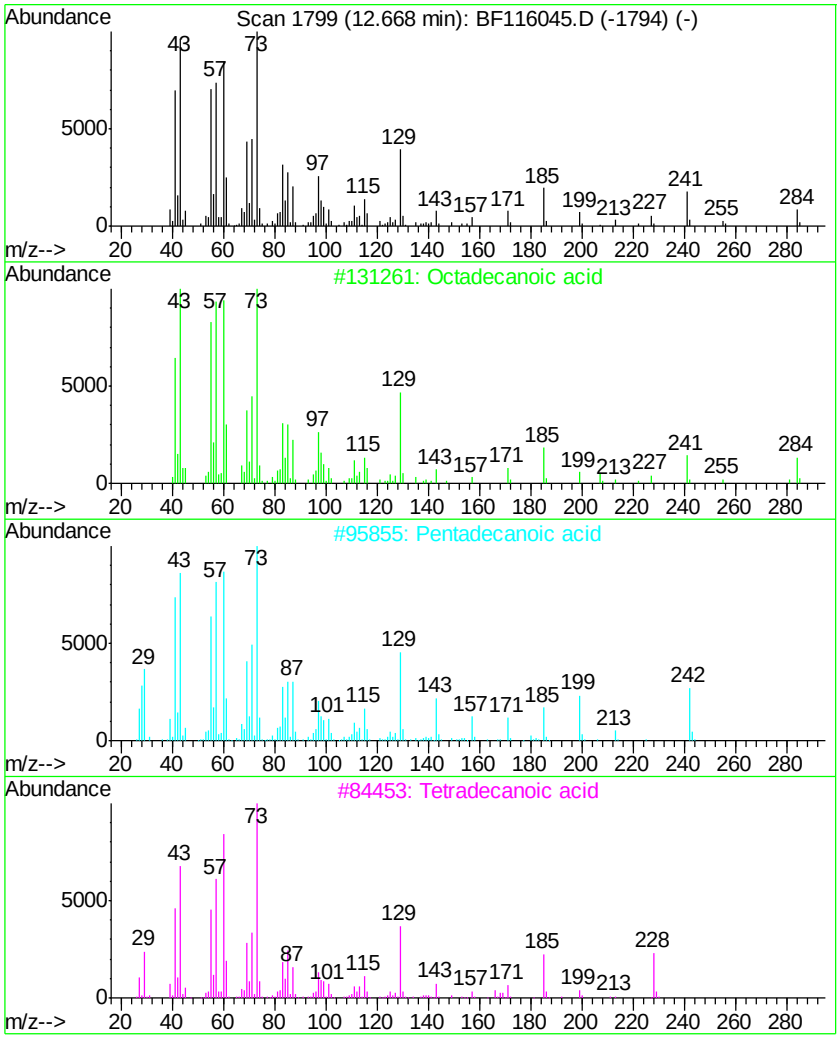
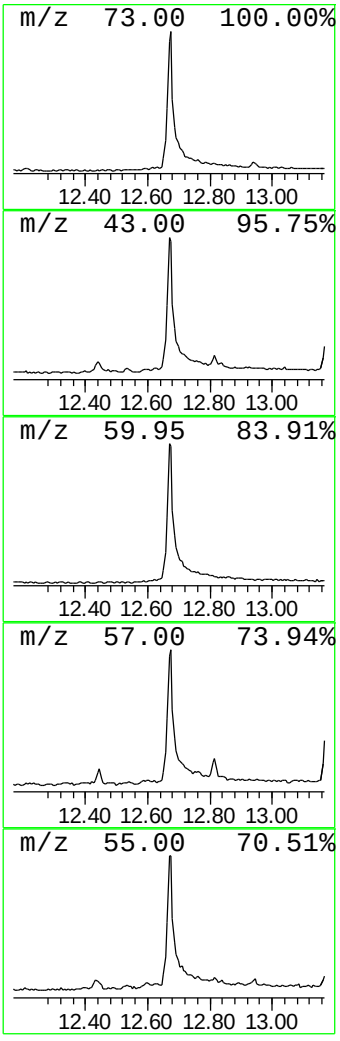
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	12.43 ng	771580	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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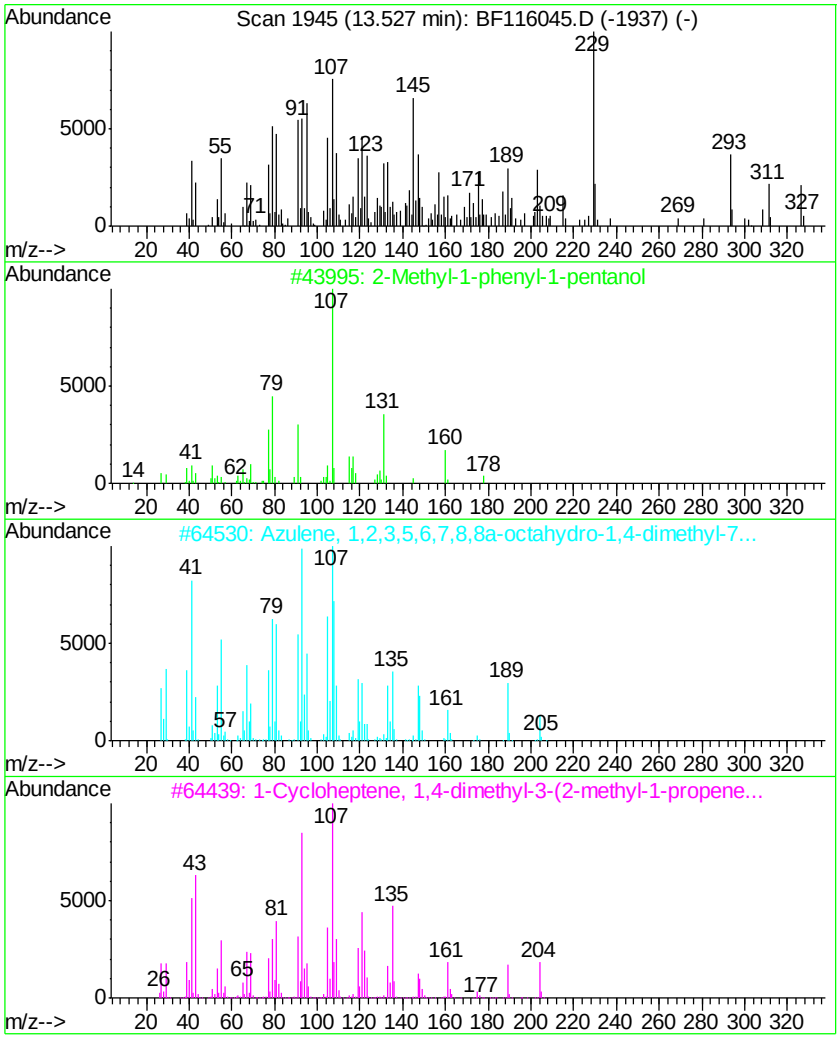
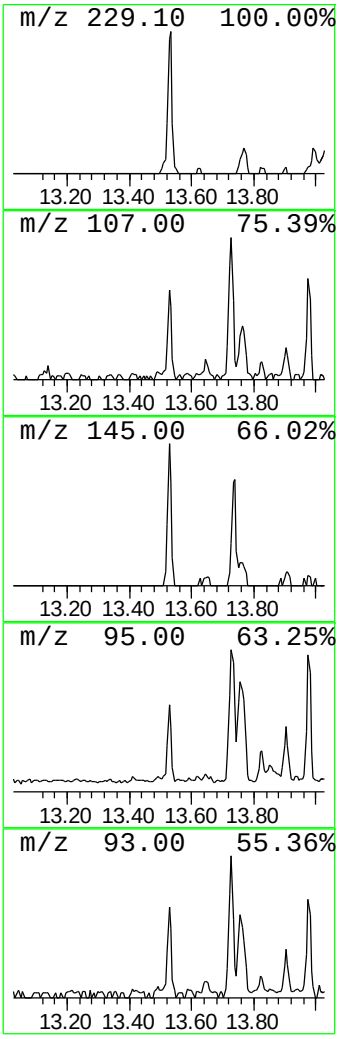
Peak Number 6 unknown13.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	4.97 ng	233246	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-phenyl-1-pentanol	178	C12H18O	073177-67-0	25
2	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	18
3	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	11
4	Tricyclo[4.2.1.0(2,5)]nonan-3-on...	170	C9H11ClO	110079-15-7	11
5	Cyclopentanecarboxylic acid, 3-e...	152	C9H12O2	108451-43-0	11





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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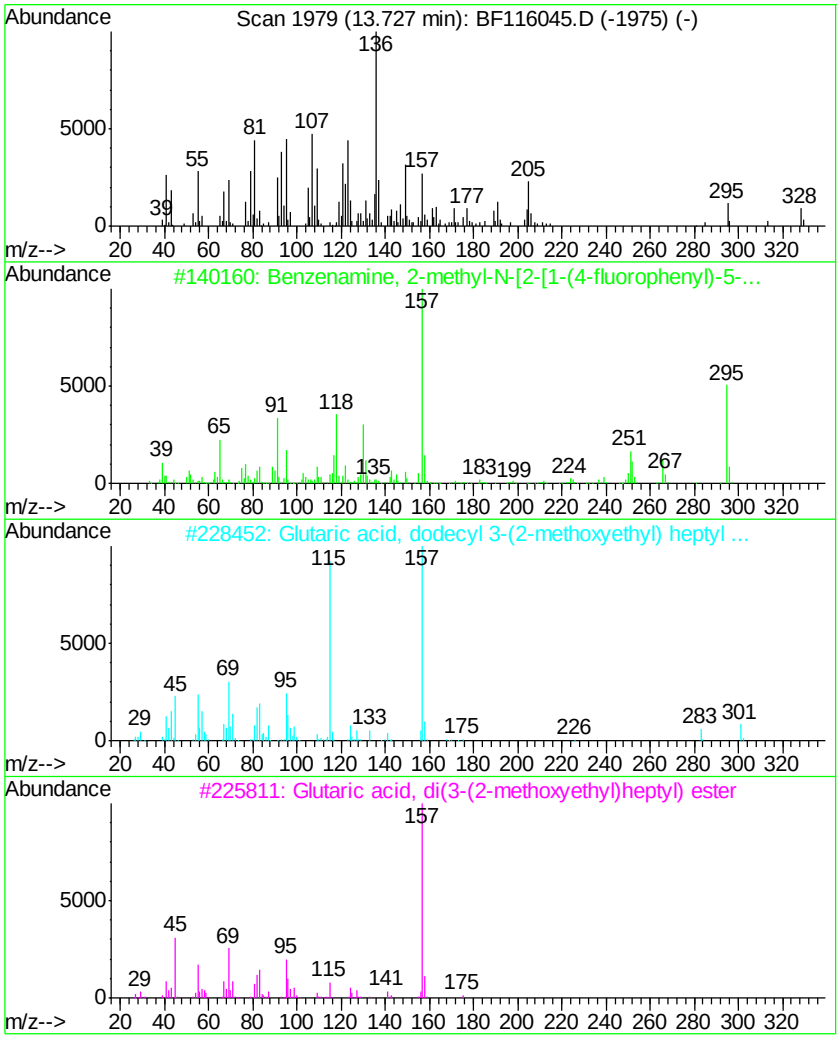
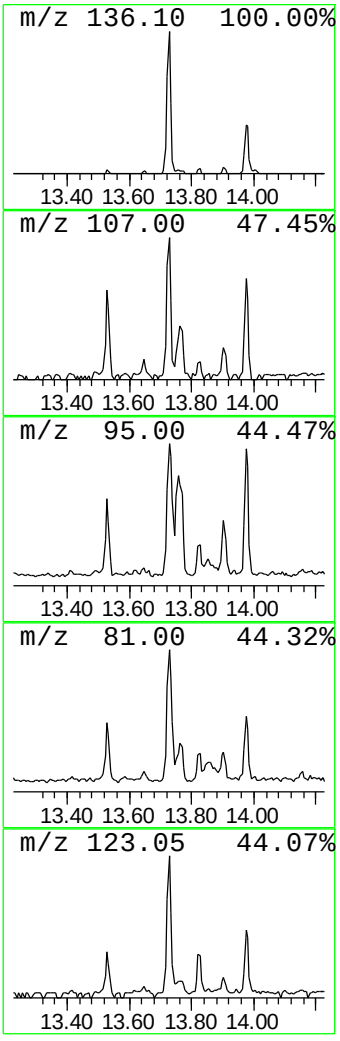
Peak Number 7 unknown13.73 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	7.52 ng	352980	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-methyl-N-[2-[1-(4...	295	C16H14FN5	274690-70-9	38
2	Glutaric acid, dodecyl 3-(2-meth...	456	C27H52O5	1000358-52-8	14
3	Glutaric acid, di(3-(2-methoxyet...	444	C25H48O6	1000358-53-1	12
4	Benzene, 1-chloro-4-[(1-methylet...	192	C12H13Cl	024524-54-7	12
5	N-Methoxy-2-carbomethoxy-2-carbe...	203	C8H13NO5	063859-01-8	11





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Data File : BF116045.D
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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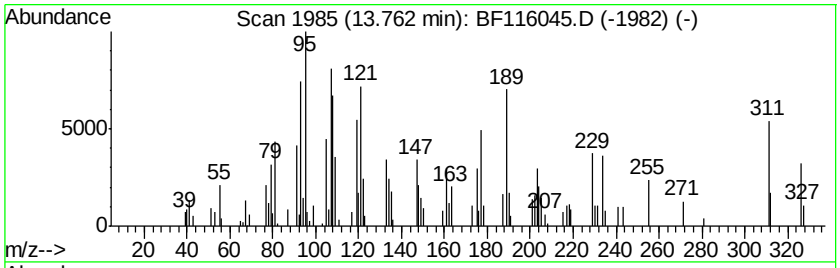
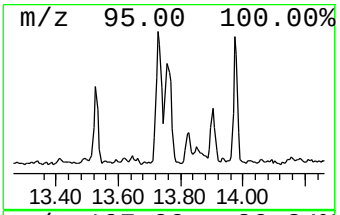
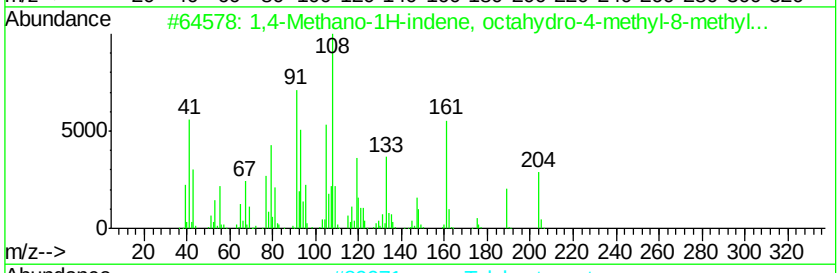
Peak Number 8 unknown13.76 Concentration Rank 20

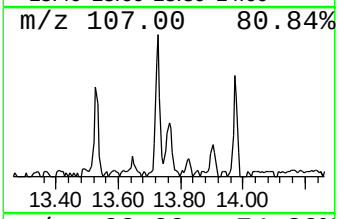
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.41 ng	160083	Chrysene-d12	14.00

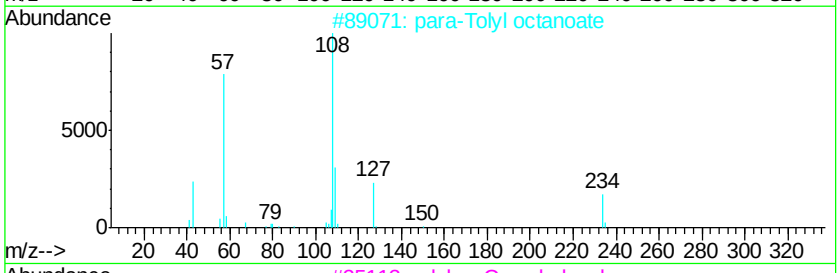
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	46
2	para-Tolyl octanoate	234	C15H22O2	059558-23-5	35
3	.alpha.-Campholenal	152	C10H16O	004501-58-0	35
4	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	25
5	Aciphyllene	204	C15H24	087745-31-1	25

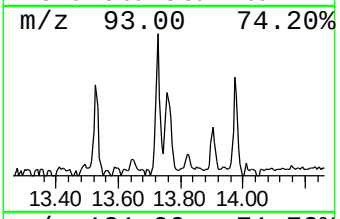


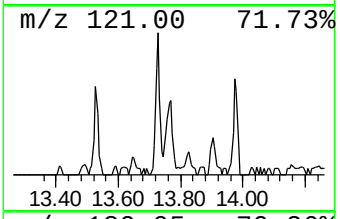


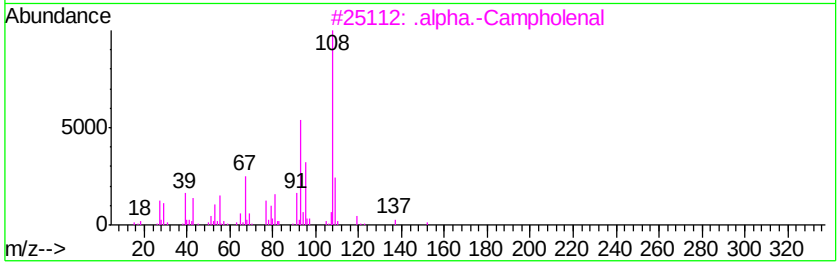


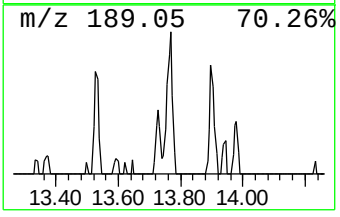












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Acq On : 7 Aug 2019 12:47
Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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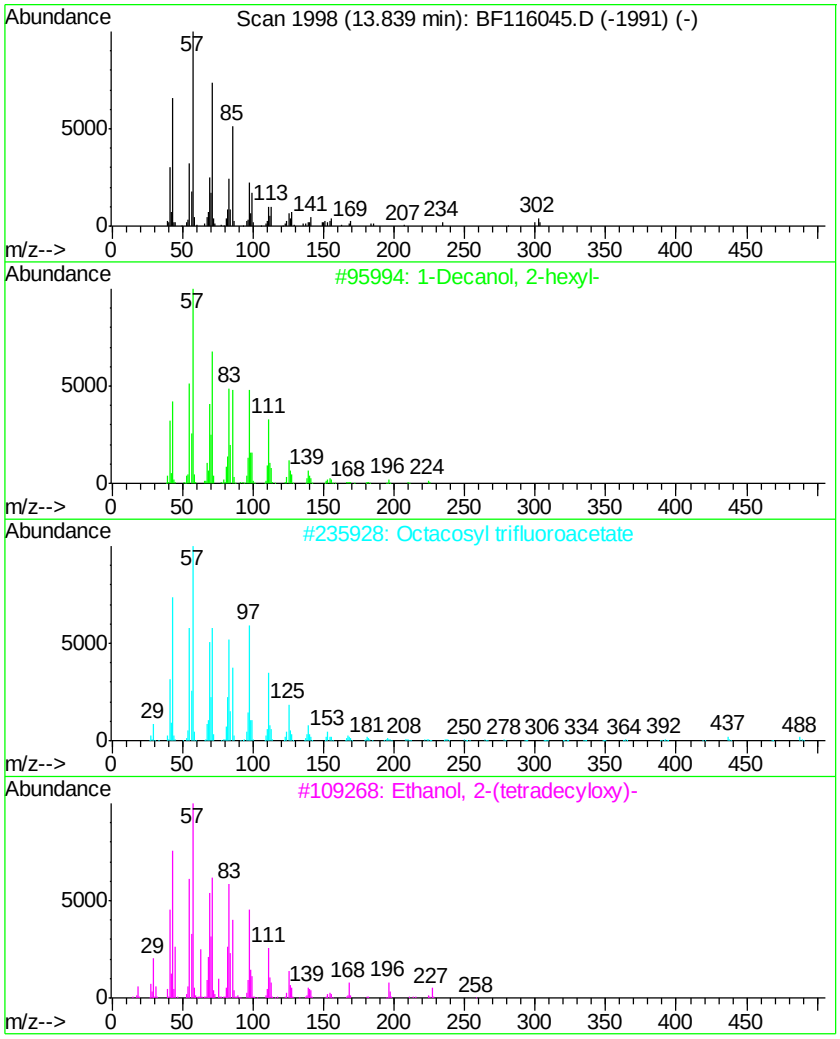
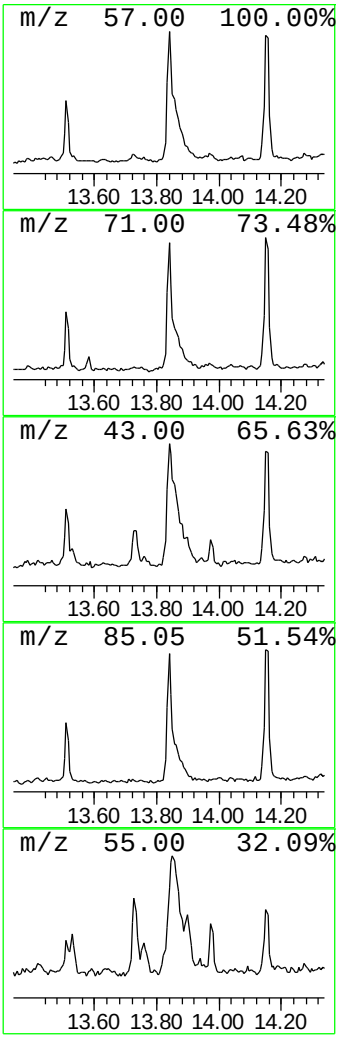
Peak Number 9 1-Decanol, 2-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	9.08 ng	425919	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	87
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	81





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Misc :
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Instrument : BNA_F
ClientSampleId : PS-7

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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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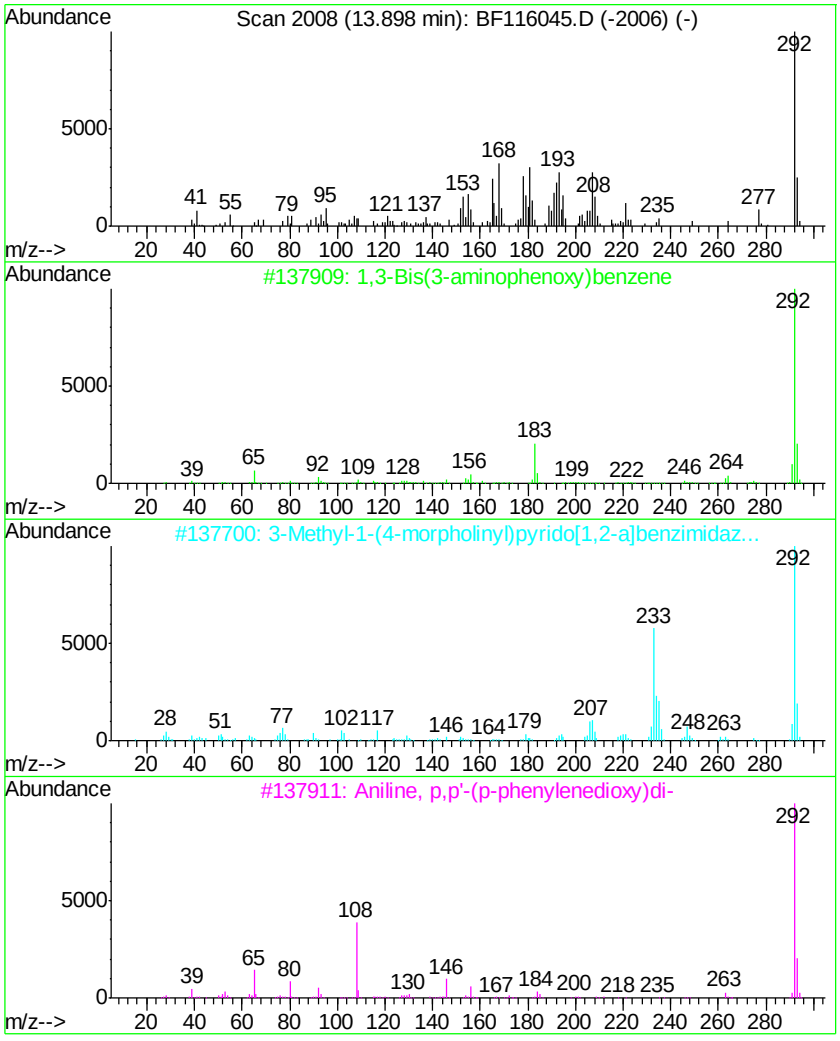
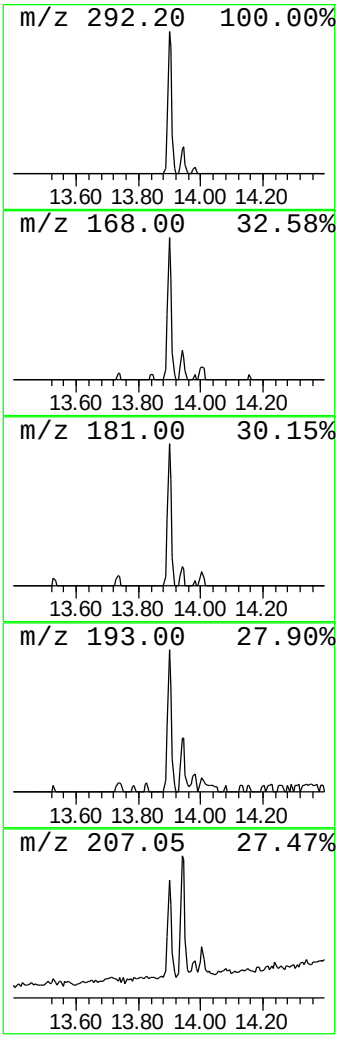
Peak Number 10 unknown13.90 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	5.29 ng	248232	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Bis(3-aminophenoxy)benzene	292	C18H16N2O2	010526-07-5	42
2	3-Methyl-1-(4-morpholinyl)pyrido...	292	C17H16N4O	1000331-84-7	32
3	Aniline, p,p'-(p-phenylenedioxy)di-	292	C18H16N2O2	003491-12-1	30
4	1,1'-Biphenyl, 4,4-bis(1-pyrroli...	292	C20H24N2	1000193-54-6	30
5	Dipyrido[1,2-a:2',1'-c]quinoxali...	292	C18H20N4	1000303-96-3	30





Library Search Compound Report

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Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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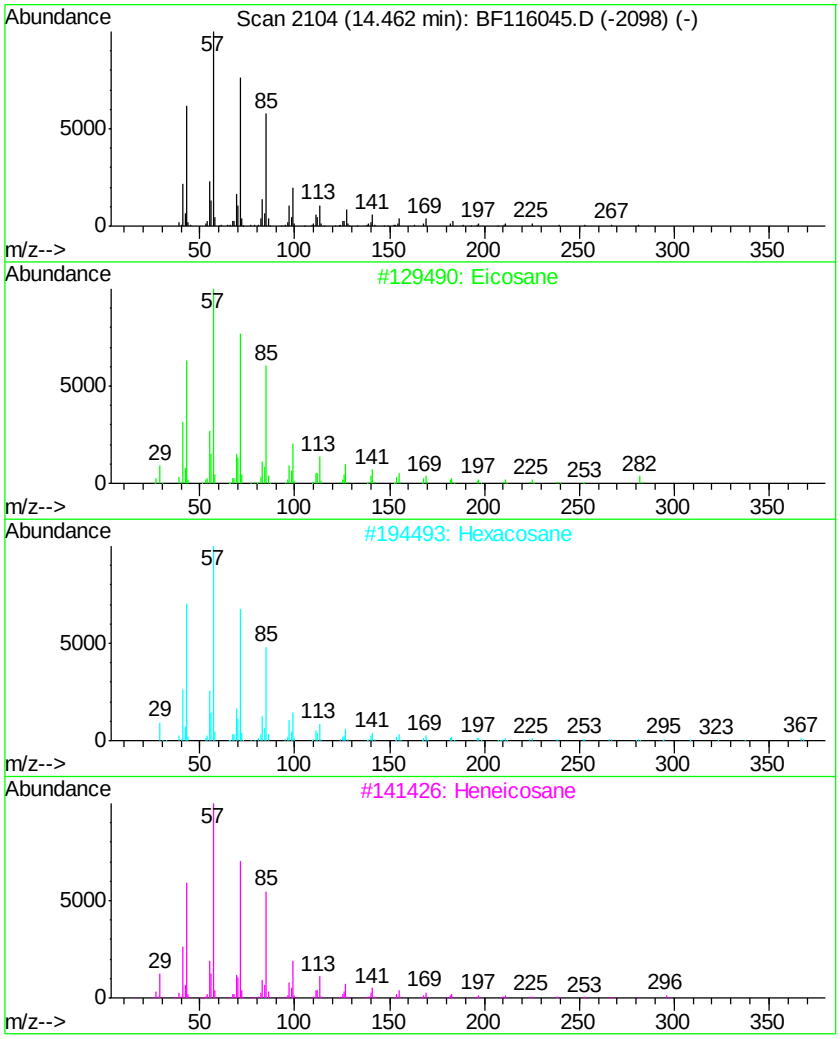
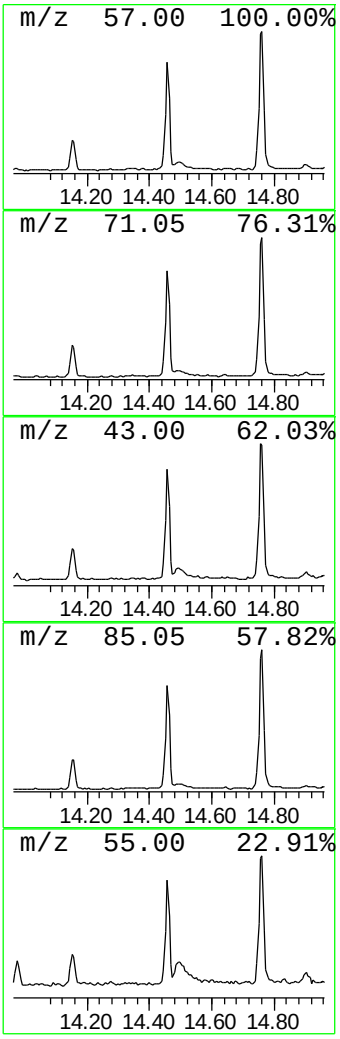
Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	8.71 ng	408866	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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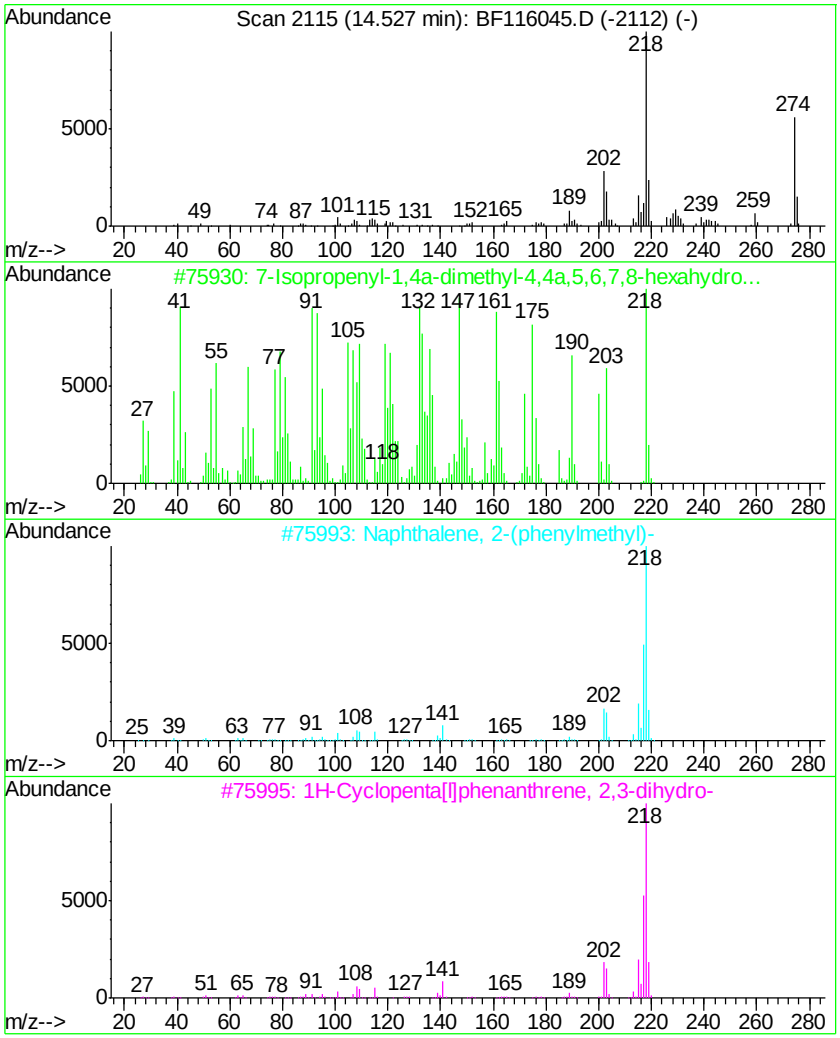
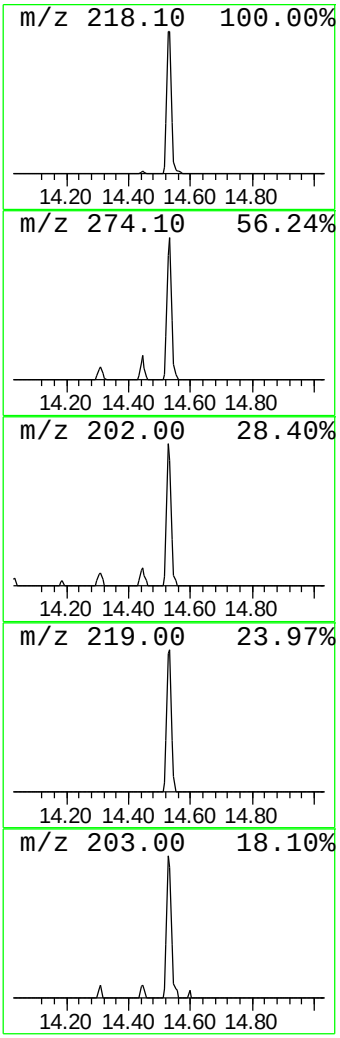
Peak Number 12 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	4.14 ng	194466	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	80
2	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	53
3	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	49
4	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	46
5	2,4-Diethoxyquinazoline	218	C12H14N2O2	000611-65-4	43





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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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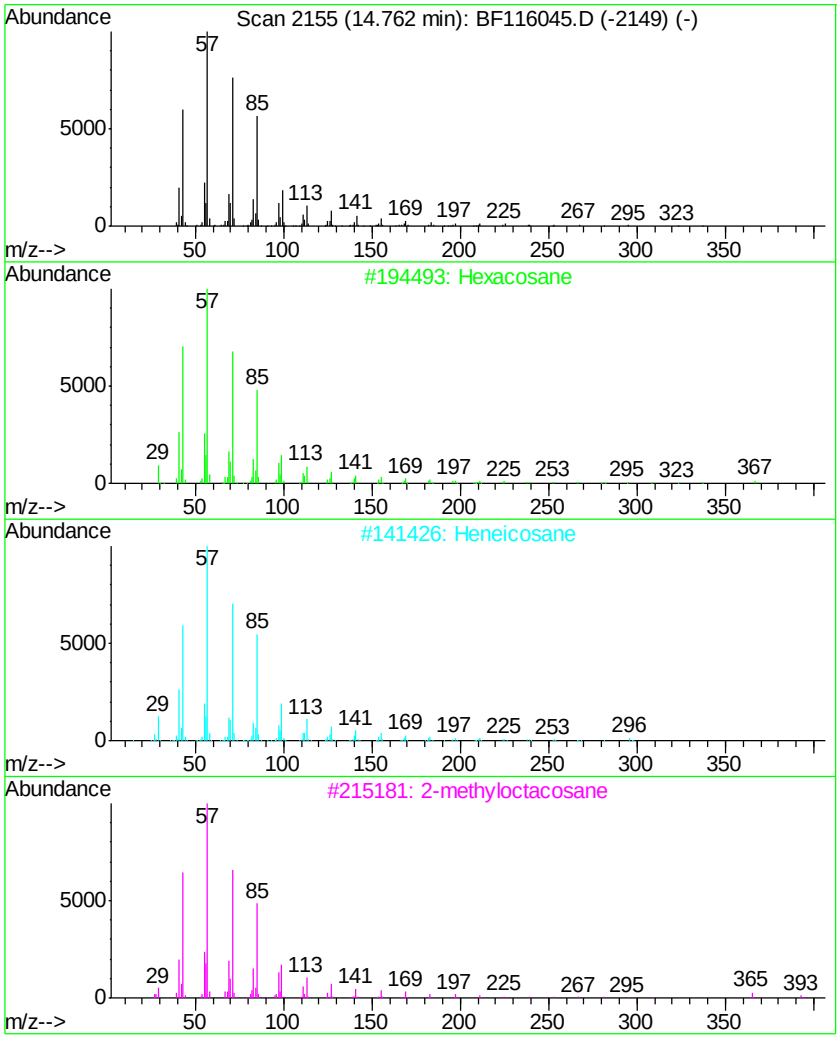
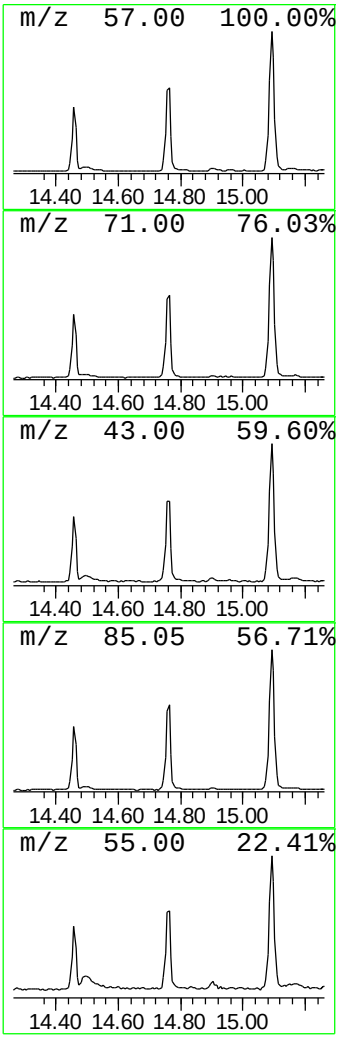
Peak Number 13 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	7.84 ng	623137	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptacosane	380	C27H56	000593-49-7	91





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ClientSampleId : PS-7

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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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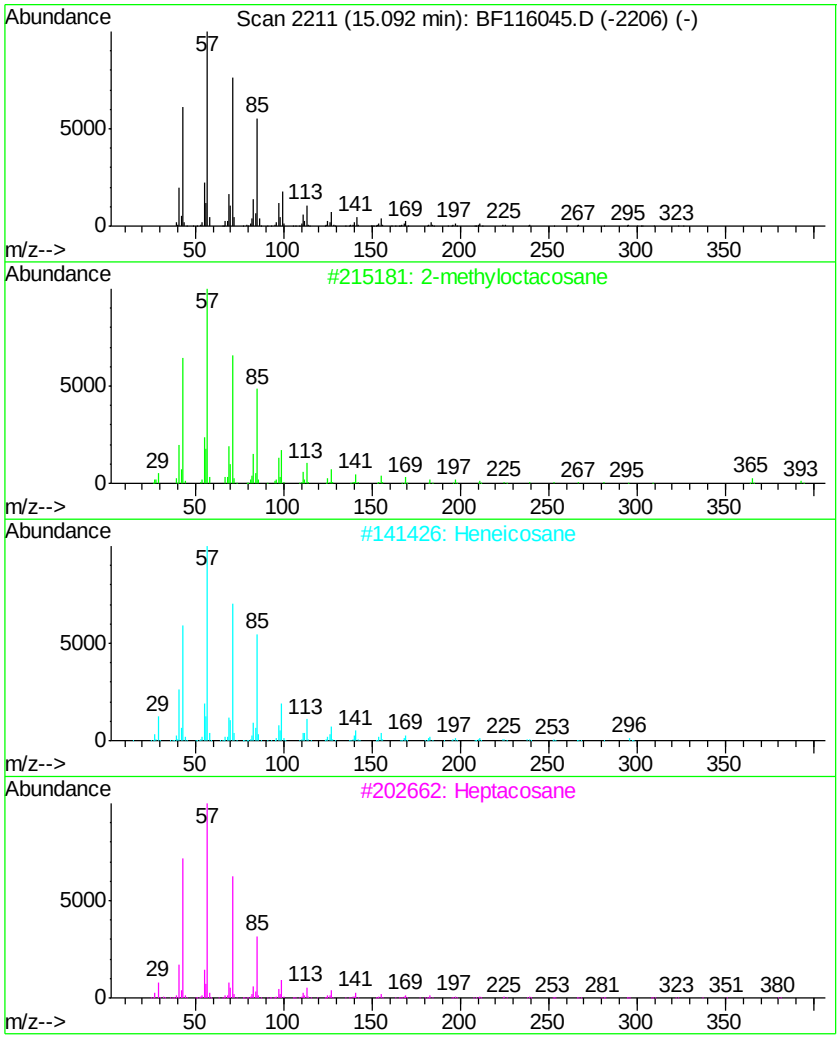
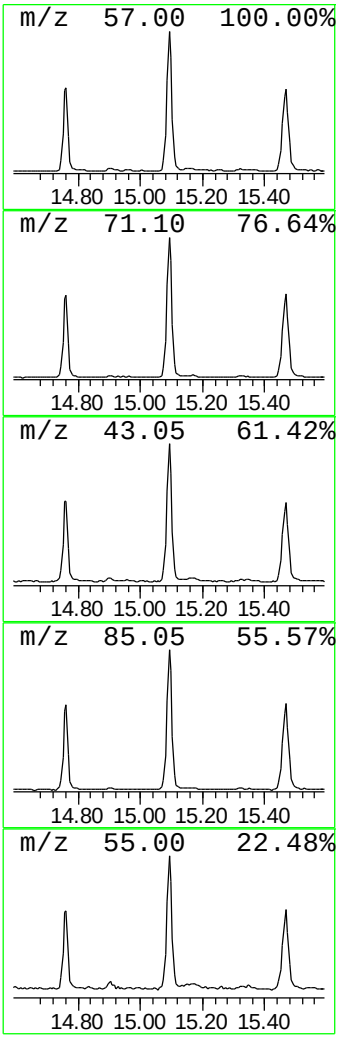
Peak Number 14 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	13.33 ng	1059860	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





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ClientSampleId : PS-7

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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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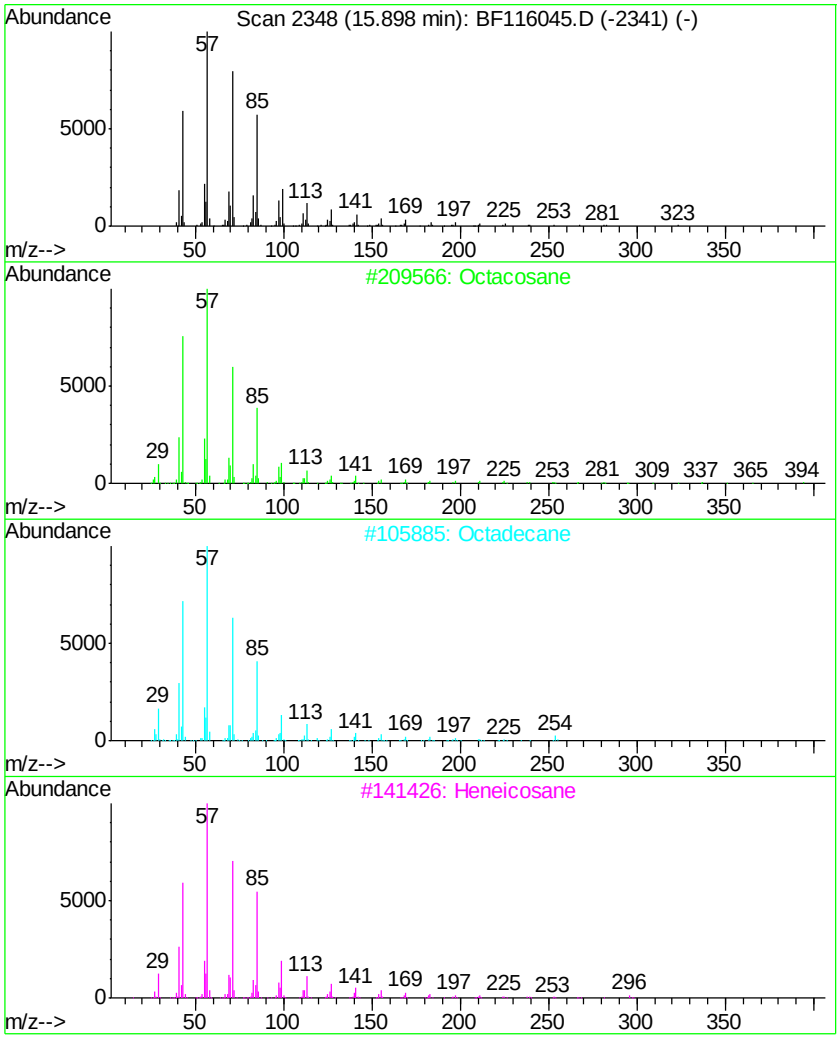
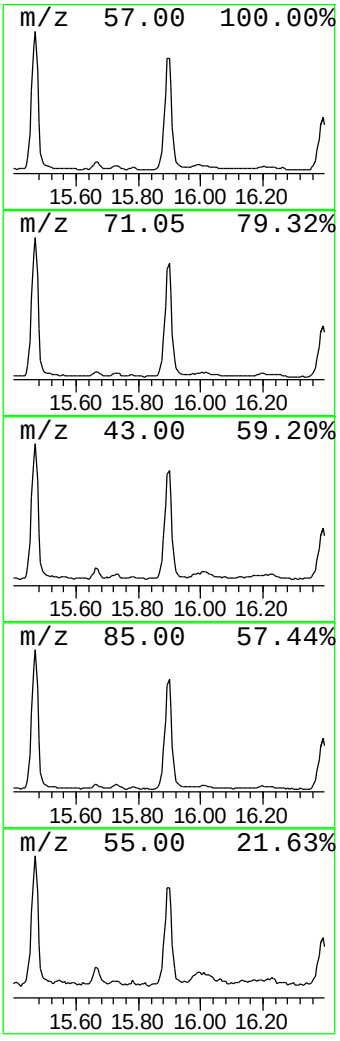
Peak Number 15 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	9.04 ng	718925	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

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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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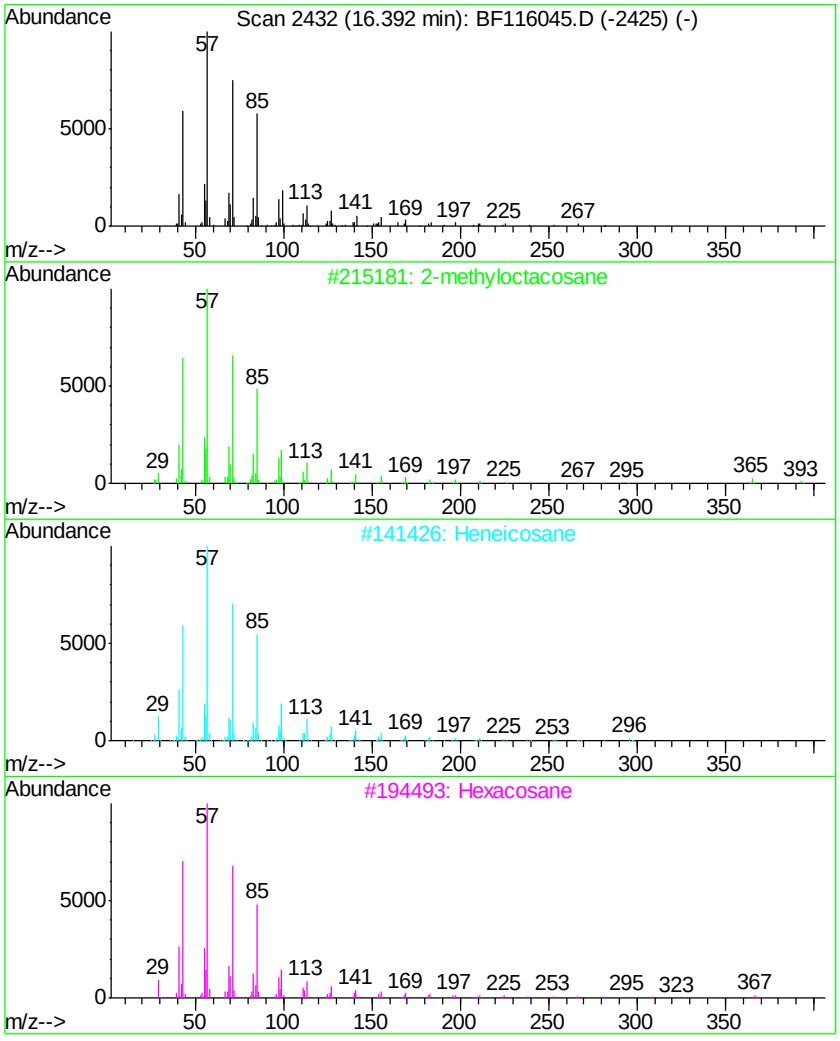
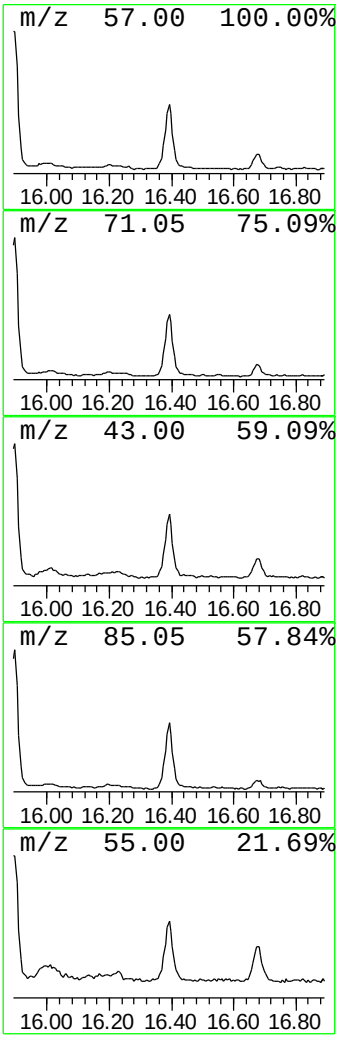
Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	4.62 ng	367451	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	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





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Instrument : BNA_F
ClientSampleId : PS-7

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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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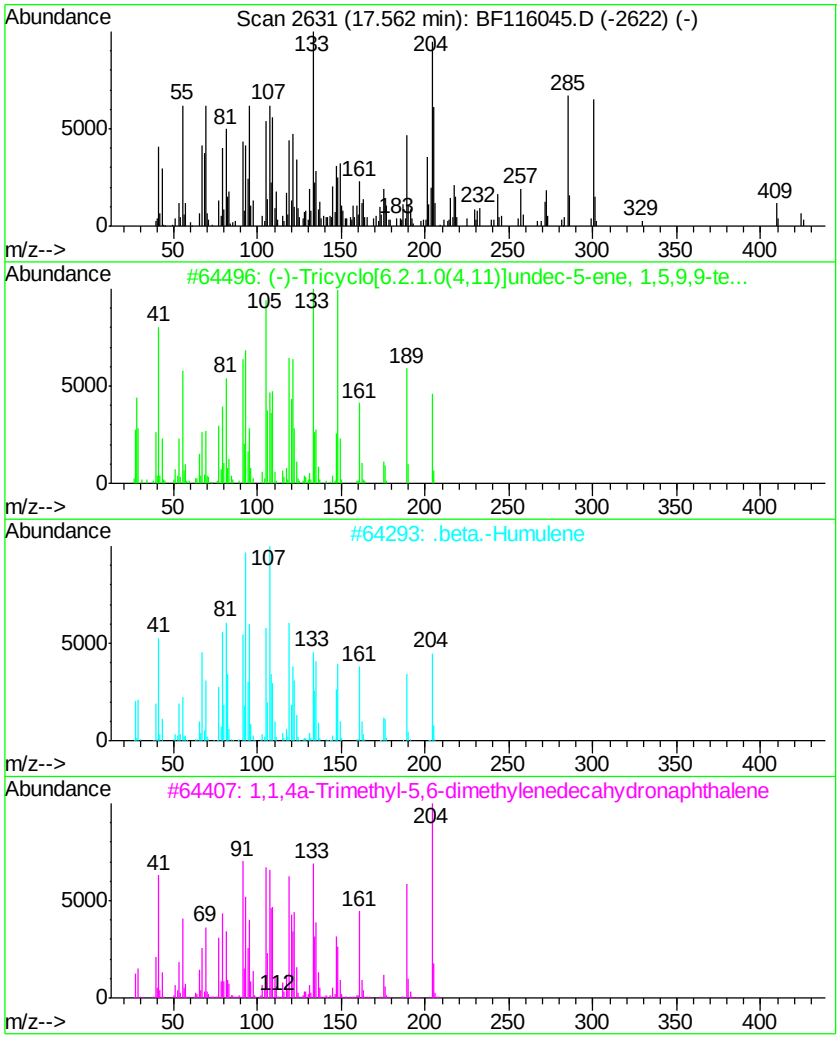
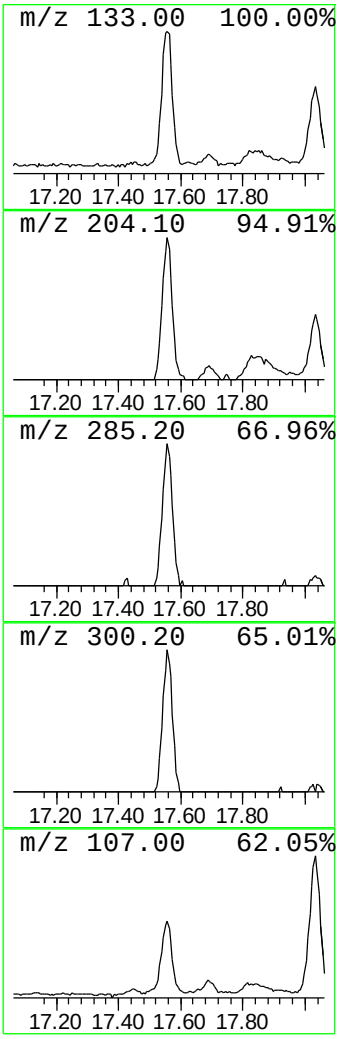
Peak Number 17 unknown17.56 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	9.27 ng	736776	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	43
2	.beta.-Humulene	204	C15H24	000116-04-1	43
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
4	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	38
5	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	38





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Instrument : BNA_F
ClientSampleId : PS-7

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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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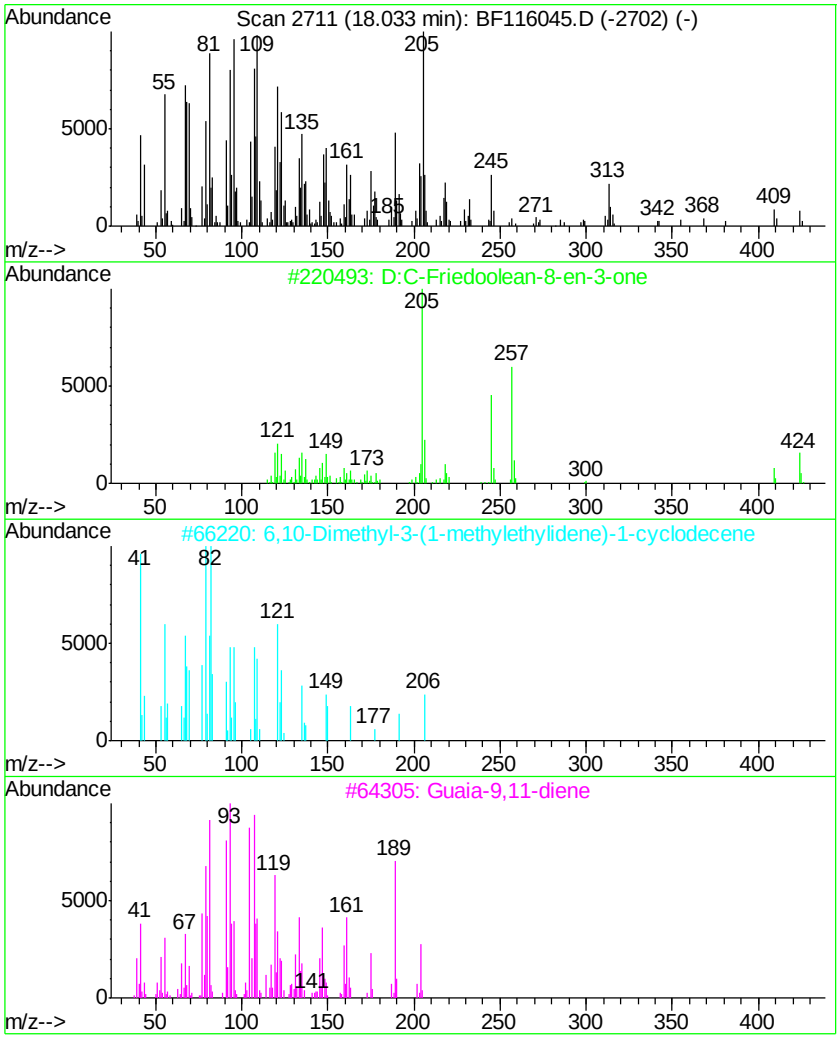
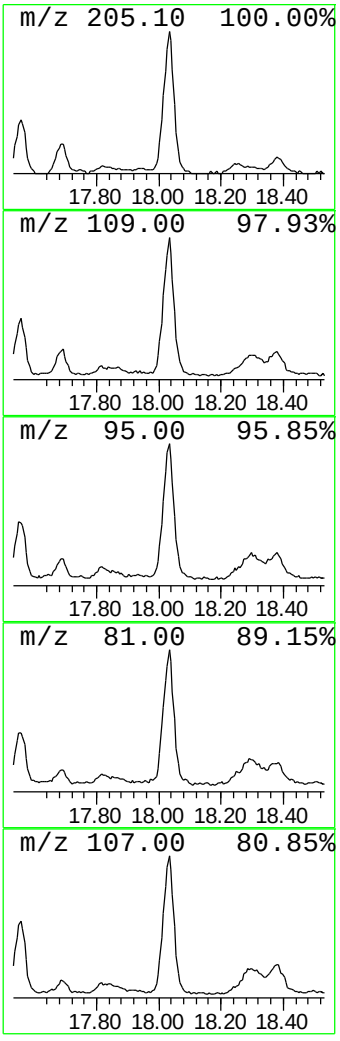
Peak Number 18 D:C-Friedoolean-8-en-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	16.78 ng	1334220	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	74
2	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	64
3	Guaia-9,11-diene	204	C15H24	1000374-19-8	60
4	.beta.-Humulene	204	C15H24	000116-04-1	55
5	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	53





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Sample : K4154-07
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

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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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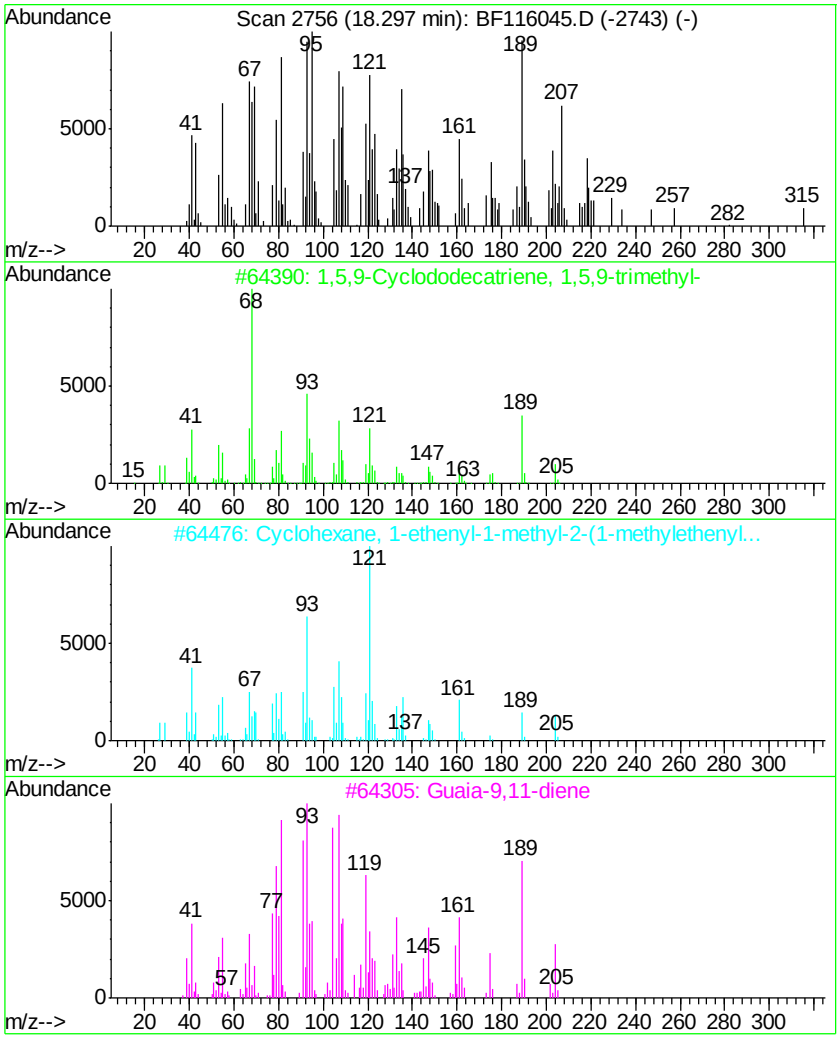
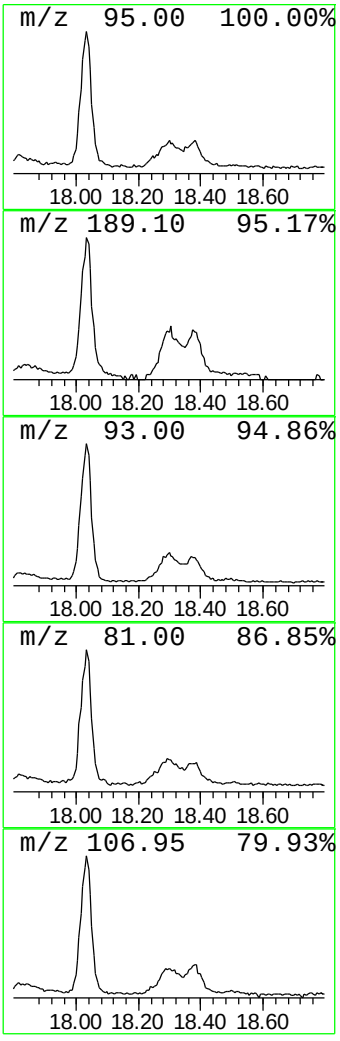
Peak Number 19 1,5,9-Cyclododecatriene, 1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.27 ng	419112	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Cyclododecatriene, 1,5,9-t...	204	C15H24	021064-19-7	62
2	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	62
3	Guaia-9,11-diene	204	C15H24	1000374-19-8	51
4	4-(2', 4', 4'-trimethyl-cyclo[4...	204	C14H20O	1000373-94-4	50
5	.gamma.-Elemene	204	C15H24	029873-99-2	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116045.D
Acq On : 7 Aug 2019 12:47
Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

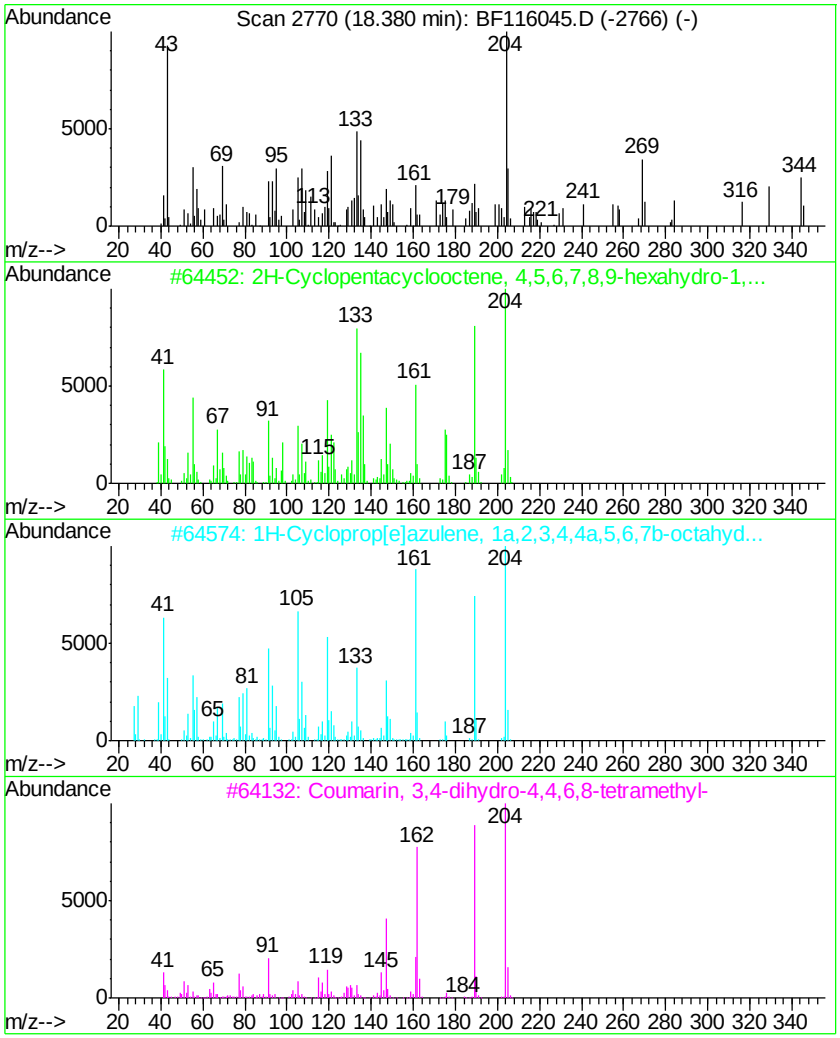
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

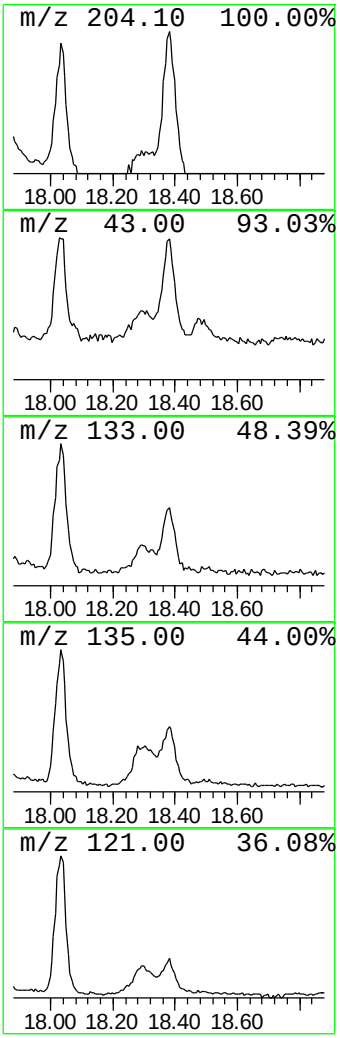
****

Peak Number 20 2H-Cyclopentacyclooctene, 4... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.03 ng	320648	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	53
2	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	35
3	Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	35
4	Glucopyranoside, methyl 4-O-meth...	424	C17H40O6Si3	032388-33-3	35
5	3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080719\
Data File : BF116045.D
Acq On : 7 Aug 2019 12:47
Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	28.5	ng	1105050	1	6.84	776241	20.0
unknown6.62	6.62	71.7	ng	2783910	1	6.84	776241	20.0
n-Hexadecanoic acid	11.89	6.2	ng	387151	4	11.36	1241470	20.0
Octadecanoic acid	12.67	12.4	ng	771580	4	11.36	1241470	20.0
unknown13.53	13.53	5.0	ng	233246	5	14.00	938607	20.0
unknown13.73	13.73	7.5	ng	352980	5	14.00	938607	20.0
unknown13.76	13.76	3.4	ng	160083	5	14.00	938607	20.0
1-Decanol, 2-hexyl-	13.84	9.1	ng	425919	5	14.00	938607	20.0
unknown13.90	13.90	5.3	ng	248232	5	14.00	938607	20.0
Eicosane	14.46	8.7	ng	408866	5	14.00	938607	20.0
7-Isopropenyl-1,4...	14.53	4.1	ng	194466	5	14.00	938607	20.0
Hexacosane	14.76	7.8	ng	623137	6	15.47	1590070	20.0
2-methyloctacosane	15.09	13.3	ng	1059860	6	15.47	1590070	20.0
Octacosane	15.90	9.0	ng	718925	6	15.47	1590070	20.0
Heptadecane, 9-oc...	16.39	4.6	ng	367451	6	15.47	1590070	20.0
unknown17.56	17.56	9.3	ng	736776	6	15.47	1590070	20.0
D:C-Friedoolean-8...	18.03	16.8	ng	1334220	6	15.47	1590070	20.0
1,5,9-Cyclododeca...	18.30	5.3	ng	419112	6	15.47	1590070	20.0
2H-Cyclopentacycl...	18.38	4.0	ng	320648	6	15.47	1590070	20.0