LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116741.D
Acq On : 1 Sep 2019 14:38
Operator : HP/JU
Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

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-BF083019.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	5.457	568	573	576	rBV	2576486	2490460	86.85%	7.835%
2	6.475	740	746	750	rBV	2616105	2867684	100.00%	9.021%
3	6.616	765	770	773	rBV	2844414	2726216	95.07%	8.576%
4	6.845	805	809	812	rBV	866392	699501	24.39%	2.201%
5	7.004	832	836	839	rVB	2106317	1854365	64.66%	5.833%
6	7.404	899	904	907	rBV	1865952	1744439	60.83%	5.488%
7	7.863	975	982	992	rBV4	16636	50782	1.77%	0.160%
8	8.122	1023	1026	1030	rBV	1029007	947651	33.05%	2.981%
9	9.198	1205	1209	1212	rBV	3152745	2611991	91.08%	8.217%
10	9.298	1220	1226	1231	rVB5	19878	35209	1.23%	0.111%
11	9.586	1272	1275	1284	rVB	270495	213544	7.45%	0.672%
12	9.874	1321	1324	1328	rBV	1295206	1092372	38.09%	3.436%
13	10.663	1453	1458	1461	rBV	2049399	1837609	64.08%	5.781%
14	11.357	1572	1576	1579	rBV	1375944	1184101	41.29%	3.725%
15	11.380	1579	1580	1583	rVV	214157	114858	4.01%	0.361%
16	11.427	1583	1588	1592	rVB3	57493	76334	2.66%	0.240%
17	11.857	1658	1661	1663	rBV	33880	36374	1.27%	0.114%
18	11.886	1663	1666	1670	rBV	672798	601918	20.99%	1.894%
19	11.968	1677	1680	1682	rBV2	36973	40821	1.42%	0.128%
20	11.992	1682	1684	1689	rVB3	33686	34265	1.19%	0.108%
21	12.486	1765	1768	1772	rBV3	30934	34823	1.21%	0.110%
22	12.563	1778	1781	1784	rBV	372868	359466	12.54%	1.131%
23	12.674	1795	1800	1811	rBV	1181607	1286827	44.87%	4.048%
24	12.792	1815	1820	1823	rVV	382148	377604	13.17%	1.188%
25	12.839	1826	1828	1834	rVB6	30849	38596	1.35%	0.121%
26	12.939	1841	1845	1848	rBV	3090678	2707999	94.43%	8.519%
27	13.174	1883	1885	1890	rVB3	35964	48276	1.68%	0.152%
28	13.345	1912	1914	1917	rBV3	25160	33040	1.15%	0.104%
29	13.627	1959	1962	1966	rBV3	50840	64514	2.25%	0.203%
30	13.833	1993	1997	2007	rBV3	446328	661009	23.05%	2.079%
31	13.986	2017	2023	2026	rBV2	1193261	1561283	54.44%	4.912%
32	14.009	2026	2027	2033	rVB	166012	136706	4.77%	0.430%
33	14.157	2050	2052	2056	rVB2	112505	92762	3.23%	0.292%
34	14.462	2101	2104	2107	rVB	194134	165977	5.79%	0.522%

LSC Area Percent Report

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Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.768	2153	2156	2160	rVB	212324	209237	7.30%	0.658%
36	15.021	2195	2199	2205	rVV	152931	292415	10.20%	0.920%
37	15.098	2209	2212	2222	rVB2	317411	470422	16.40%	1.480%
38	15.439	2266	2270	2274	rBV	671391	838076	29.22%	2.636%
39	15.474	2274	2276	2284	rVB2	312205	398012	13.88%	1.252%
40	15.903	2346	2349	2353	rVB	180698	252458	8.80%	0.794%
41	16.403	2430	2434	2439	rVB2	91345	139626	4.87%	0.439%
42	16.580	2460	2464	2473	rVB2	87750	177438	6.19%	0.558%
43	16.874	2511	2514	2522	rVB2	62469	115794	4.04%	0.364%
44	17.303	2583	2587	2592	rVB3	35773	65387	2.28%	0.206%

Sum of corrected areas: 31788241

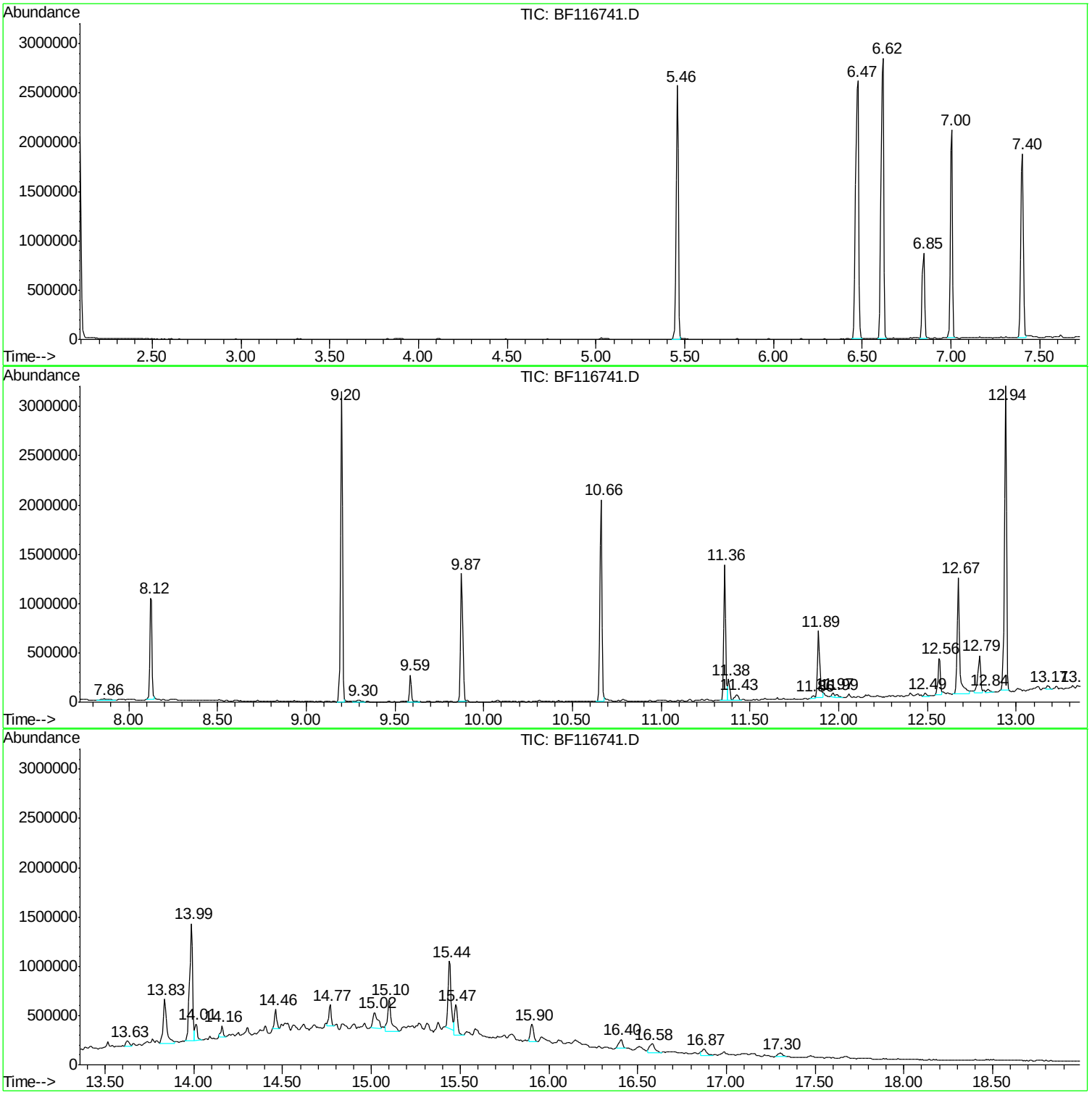
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116741.D
Acq On : 1 Sep 2019 14:38
Operator : HP/JU
Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF090119\
Data File : BF116741.D
Acq On : 1 Sep 2019 14:38
Operator : HP/JU
Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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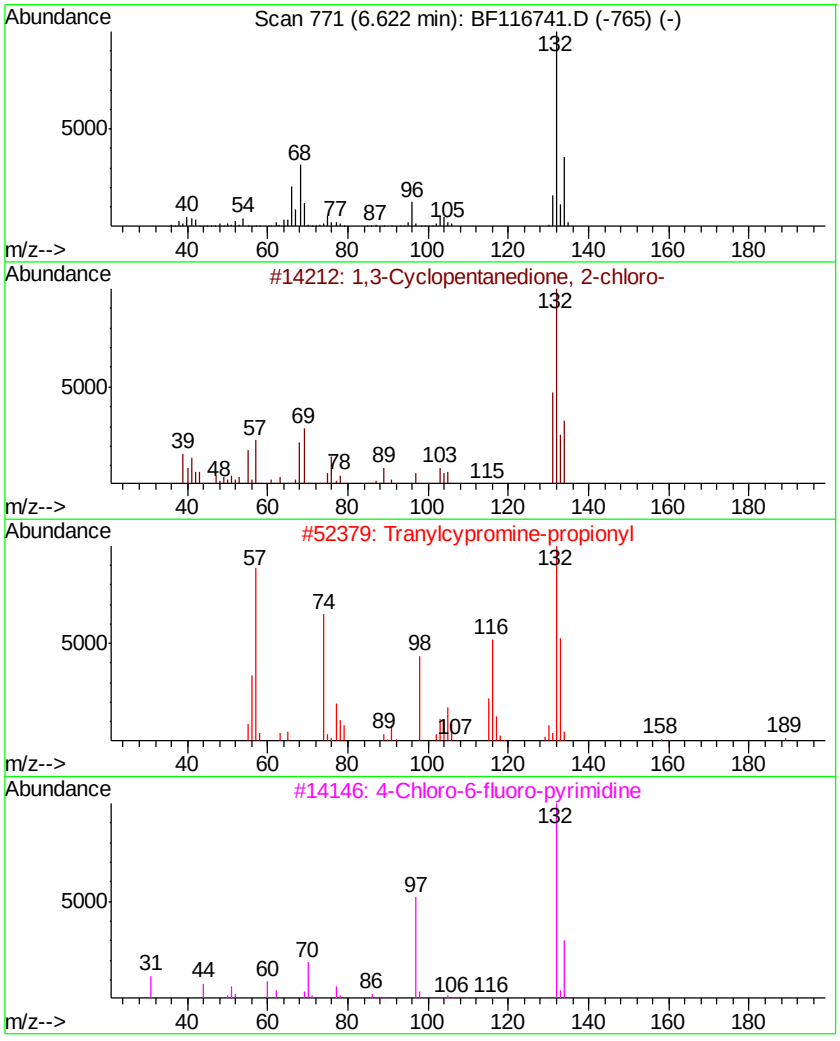
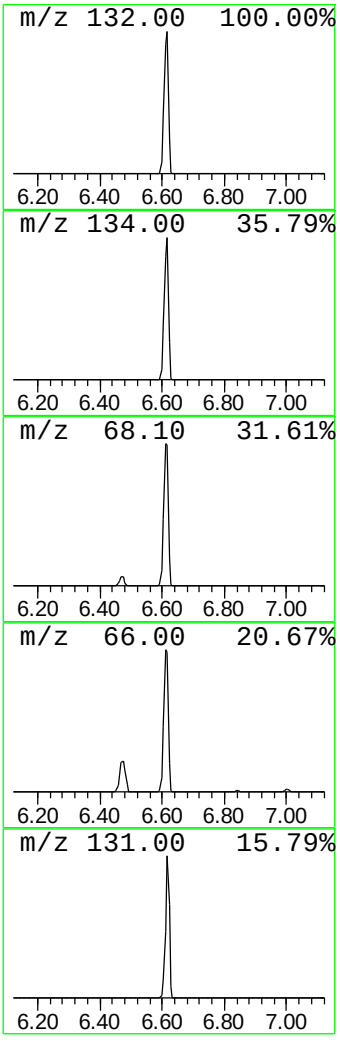
Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	77.95 ng	2726220	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Data File : BF116741.D
Acq On : 1 Sep 2019 14:38
Operator : HP/JU
Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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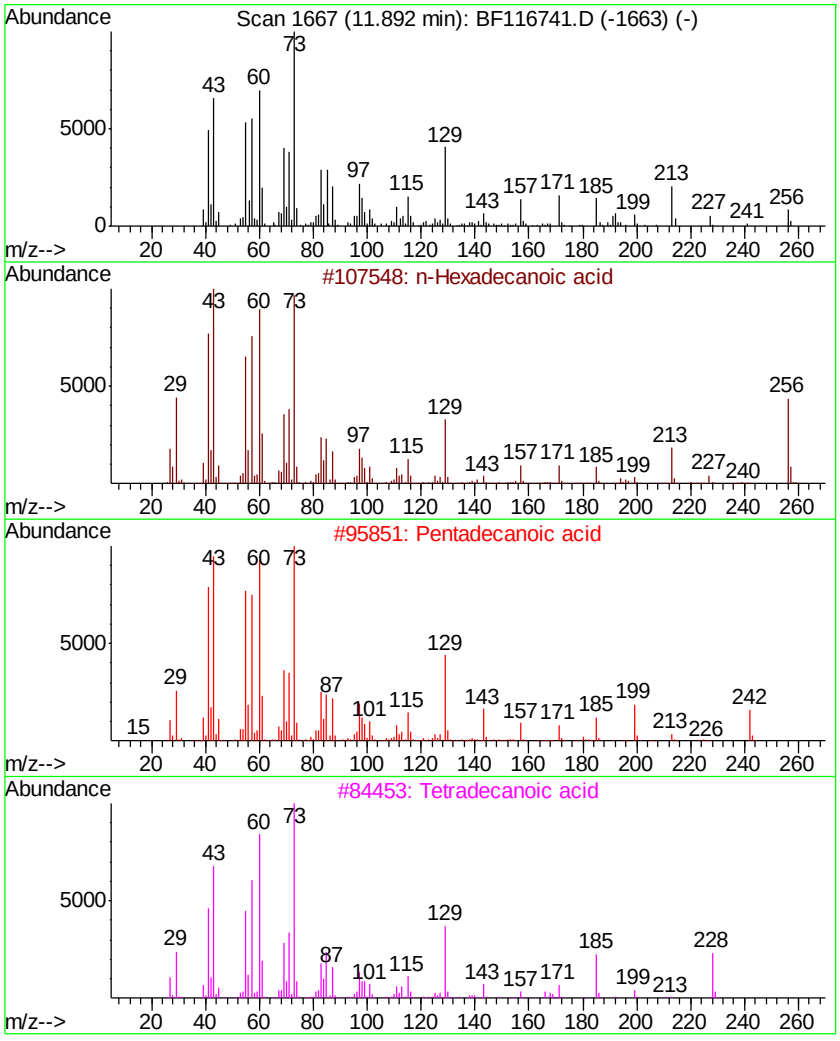
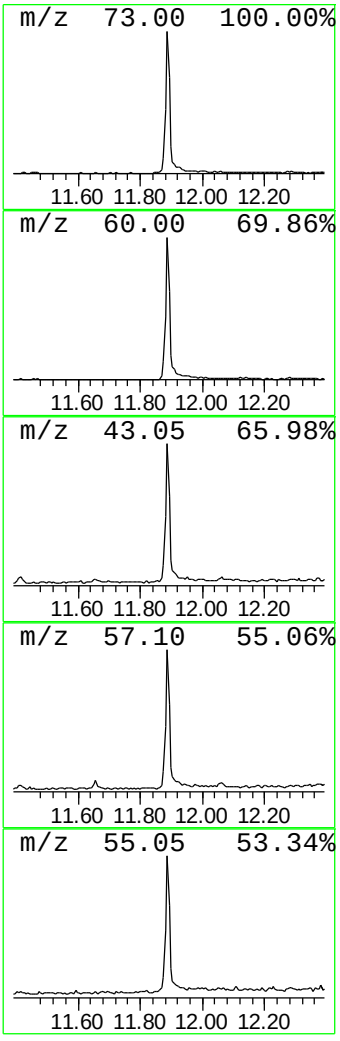
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	10.17 ng	601918	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	20
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116741.D
Acq On : 1 Sep 2019 14:38
Operator : HP/JU
Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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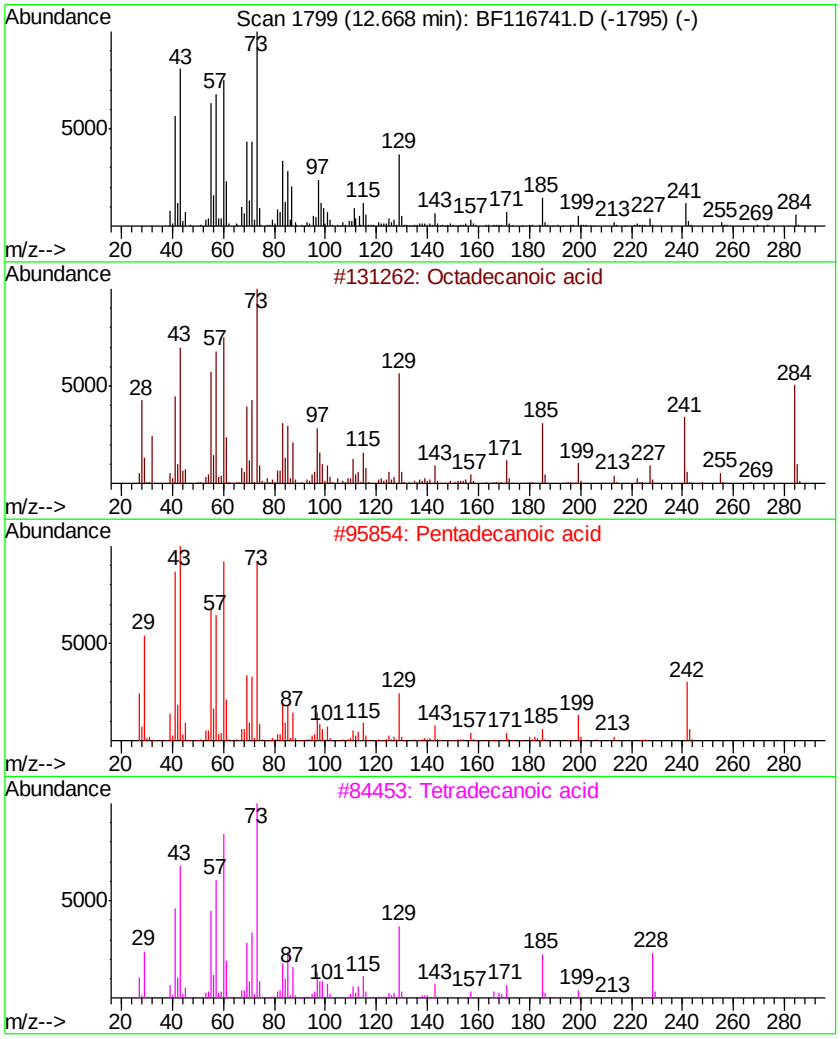
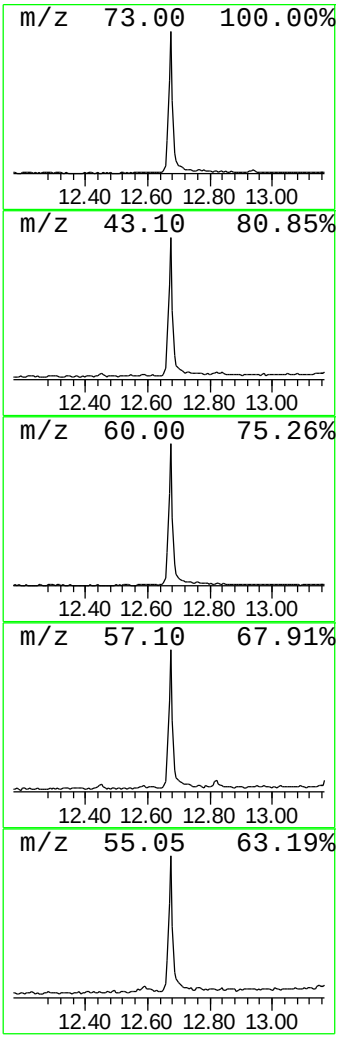
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	16.48 ng	1286830	Chrysene-d12	13.99

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116741.D
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Operator : HP/JU
Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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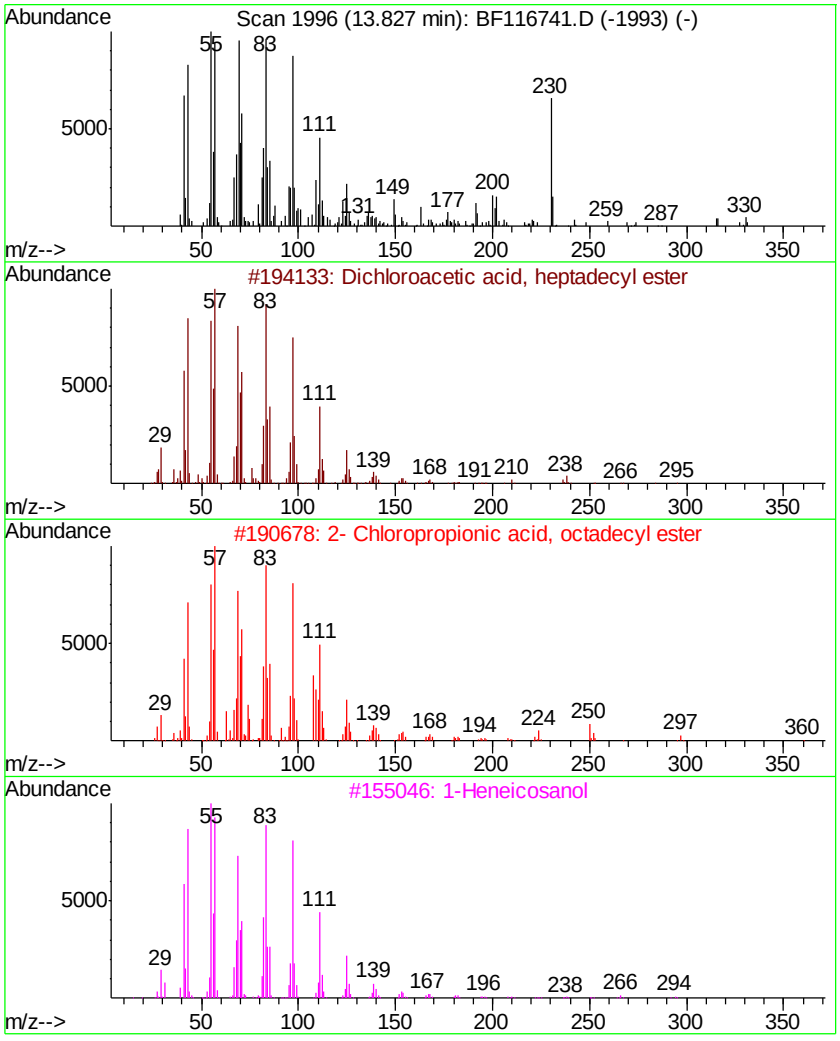
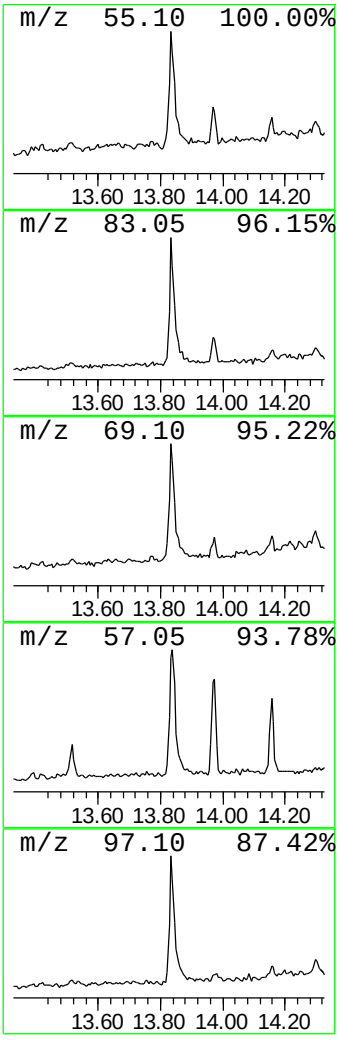
Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	8.47 ng	661009	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
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Operator : HP/JU
Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
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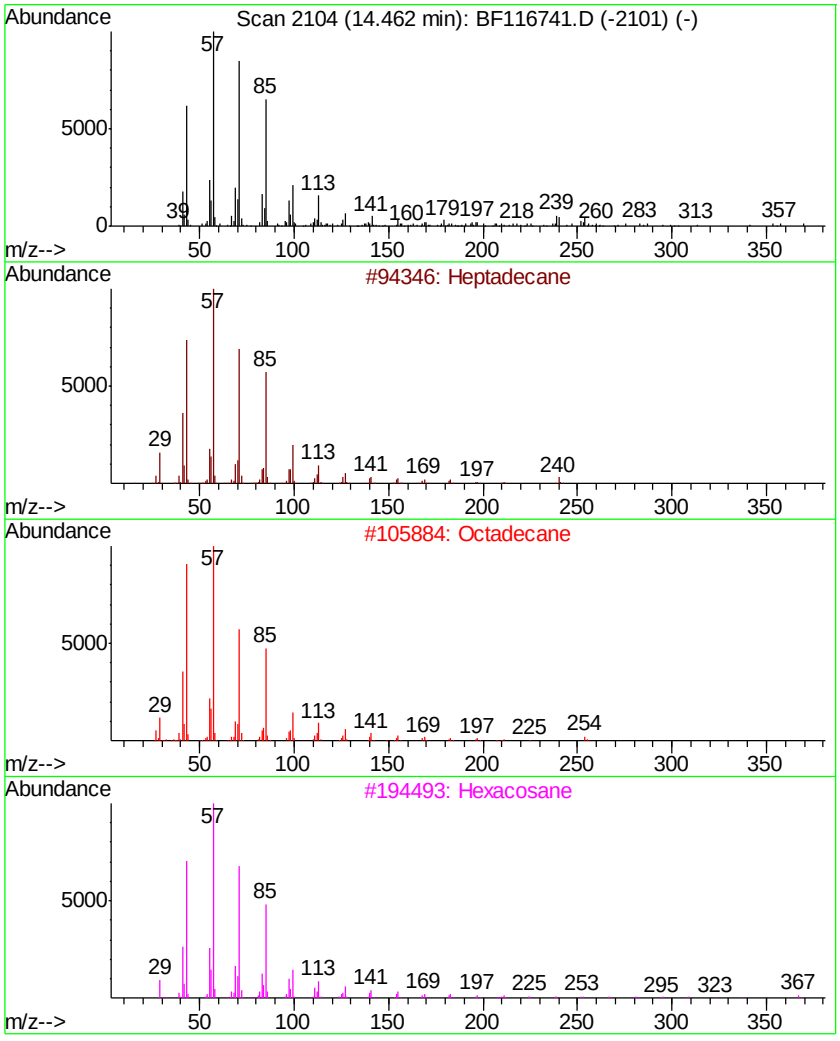
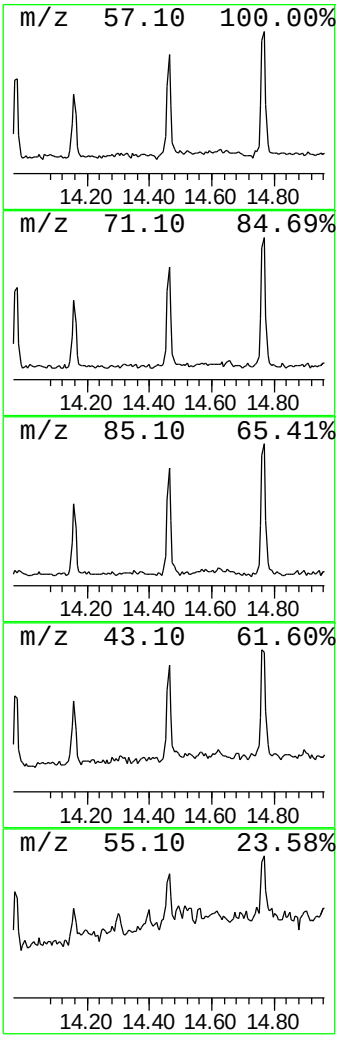
Peak Number 6 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.13 ng	165977	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Octadecane	254	C18H38	000593-45-3	89
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	5-Butyl-5-ethylpentadecane	296	C21H44	1000360-42-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
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Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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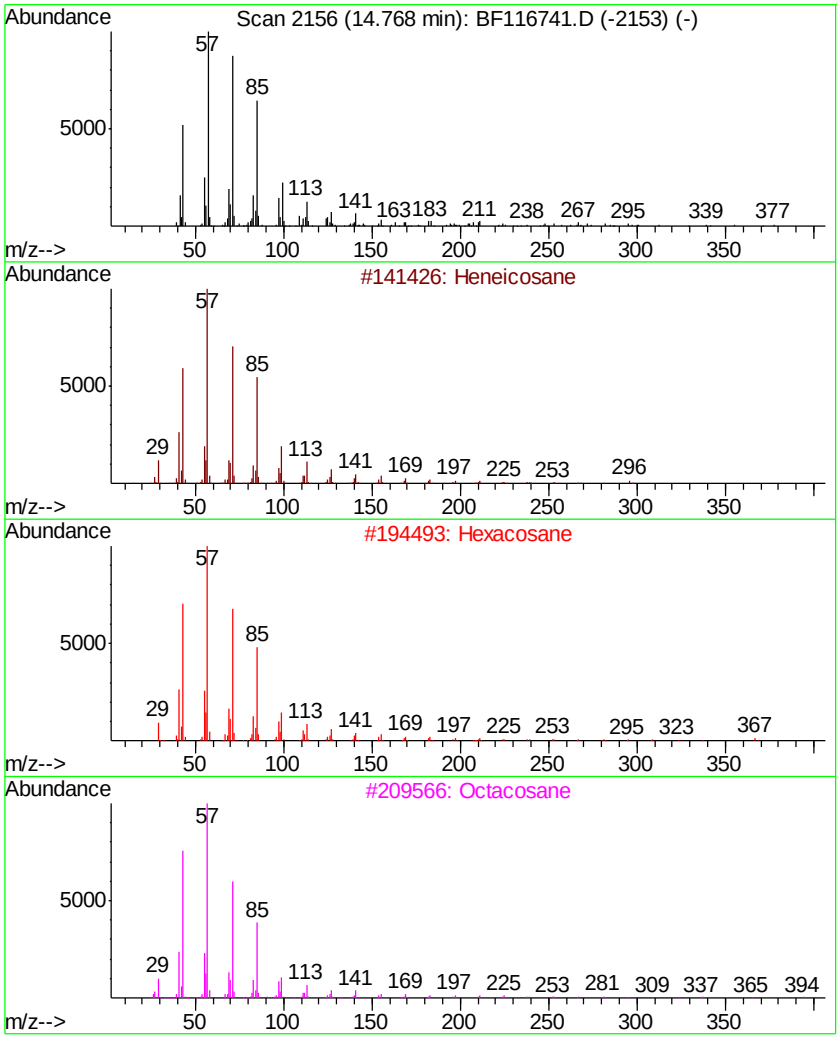
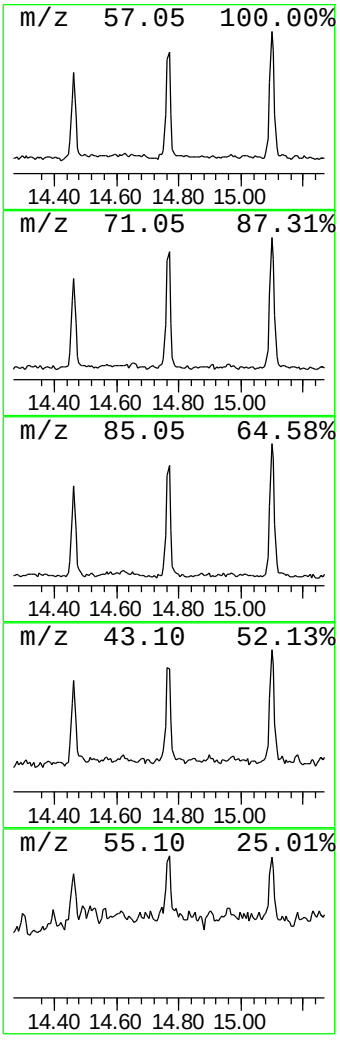
Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	4.99 ng	209237	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	80





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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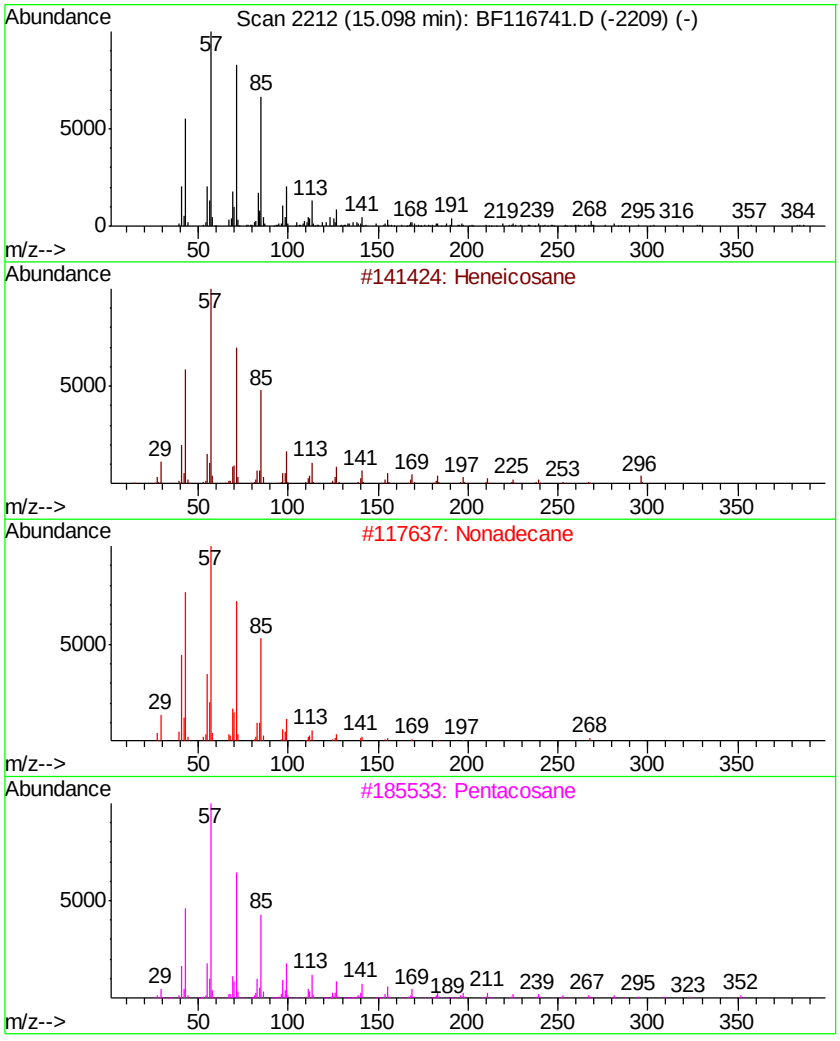
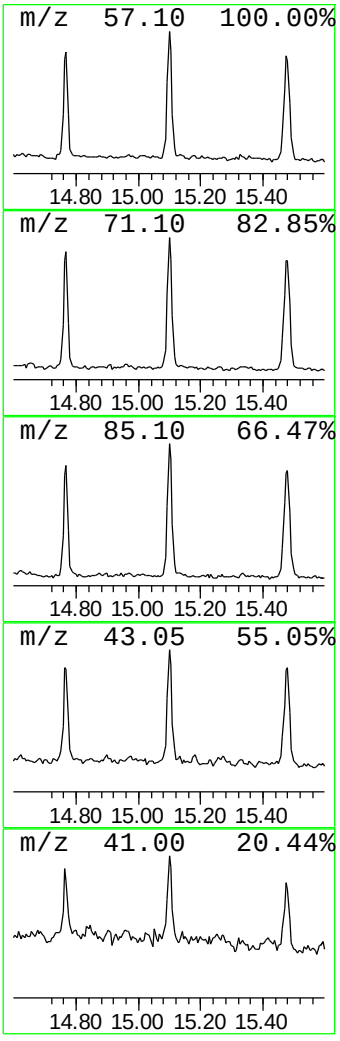
Peak Number 8 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	11.23 ng	470422	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
5	Hexacosane	366	C26H54	000630-01-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116741.D
Acq On : 1 Sep 2019 14:38
Operator : HP/JU
Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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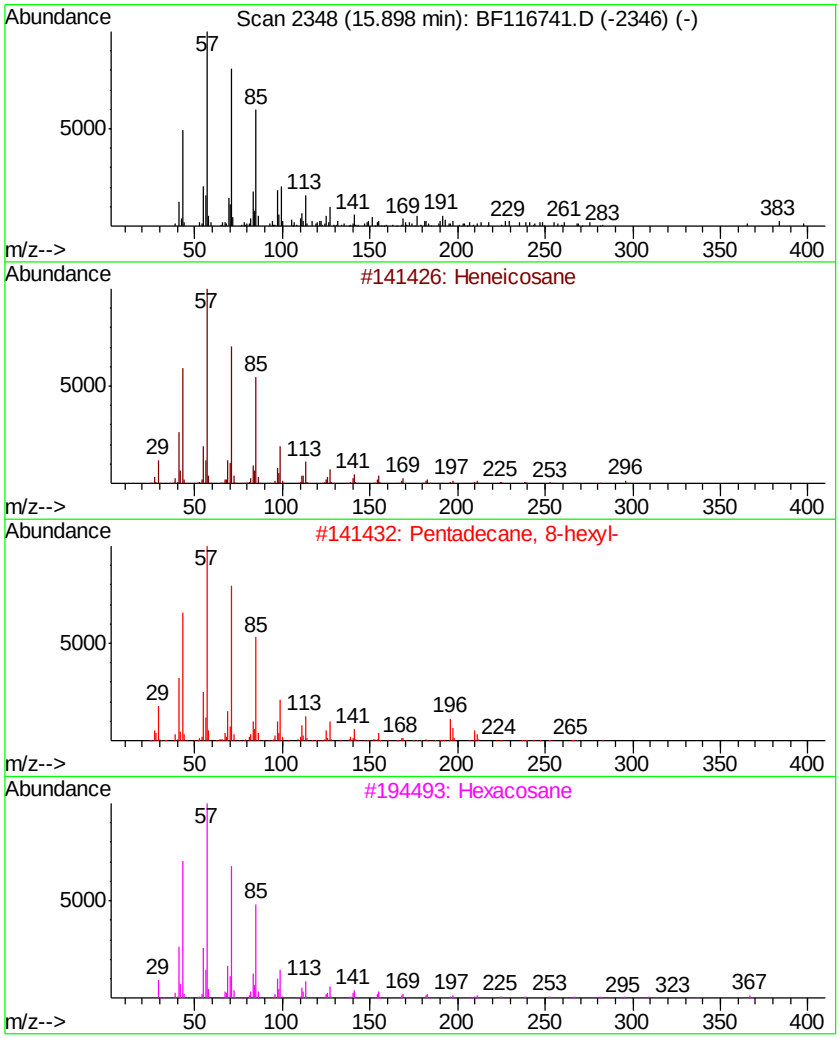
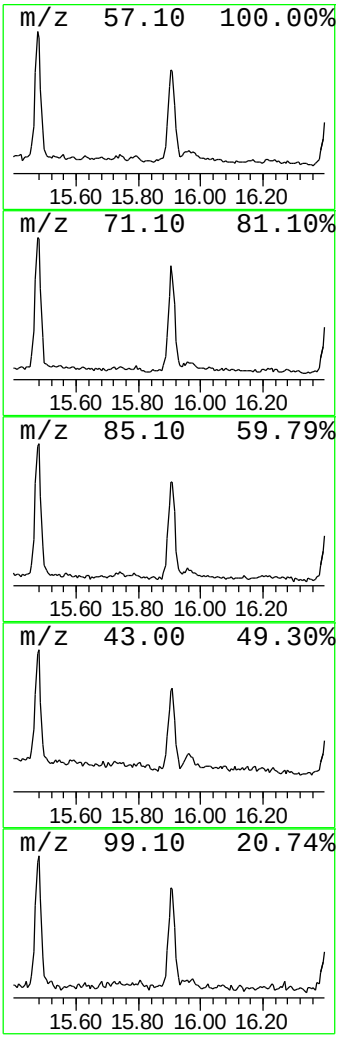
Peak Number 9 Pentadecane, 8-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	6.02 ng	252458	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-methyltetracosane	352	C25H52	1000376-72-6	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116741.D
Acq On : 1 Sep 2019 14:38
Operator : HP/JU
Sample : K4525-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-A1-A4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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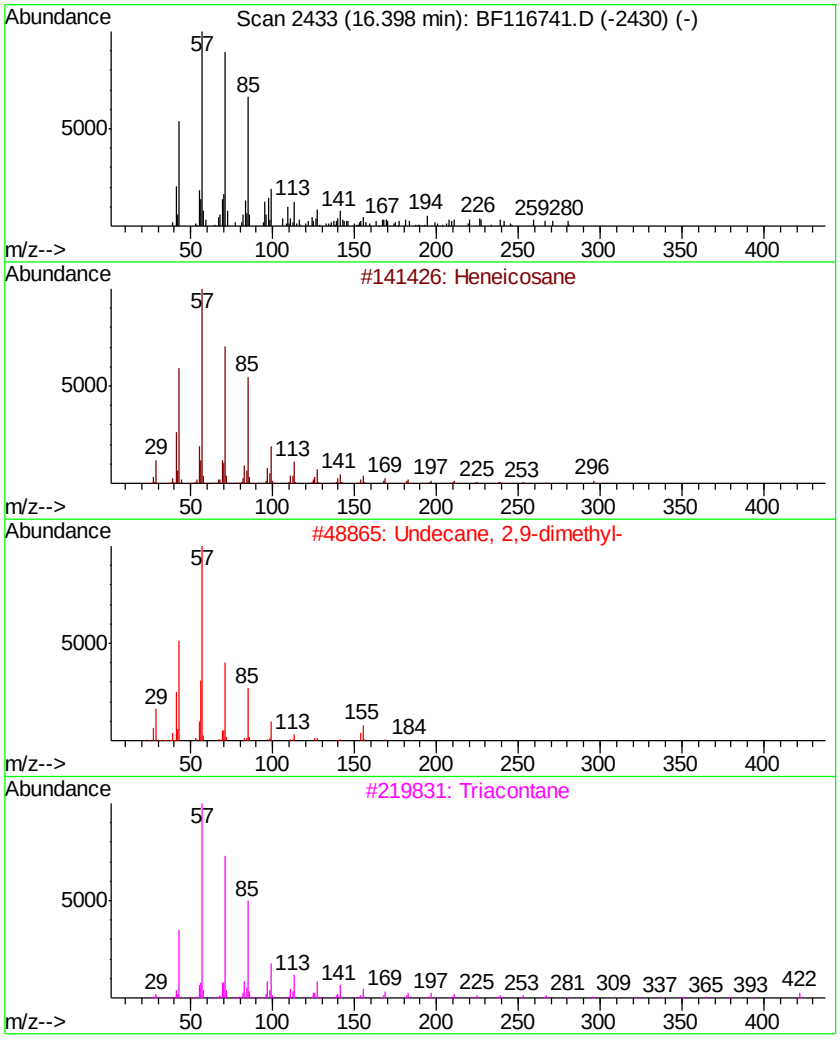
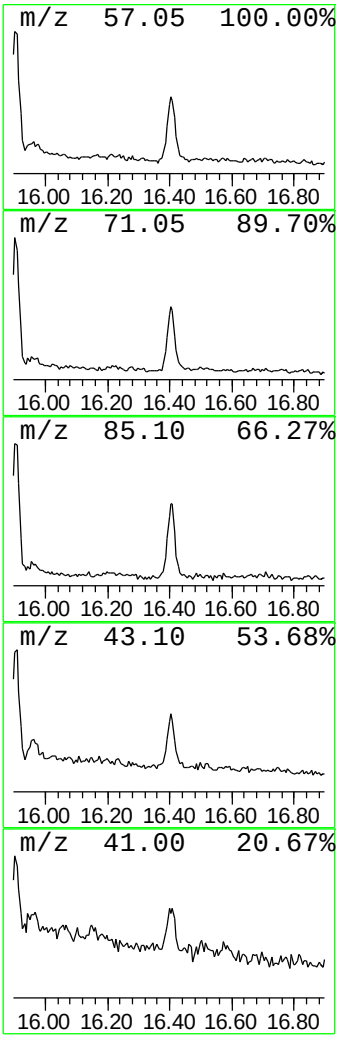
Peak Number 10 Undecane, 2,9-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.33 ng	139626	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
3	Triacontane	422	C30H62	000638-68-6	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70
5	1-Iodoundecane	282	C11H23I	004282-44-4	58





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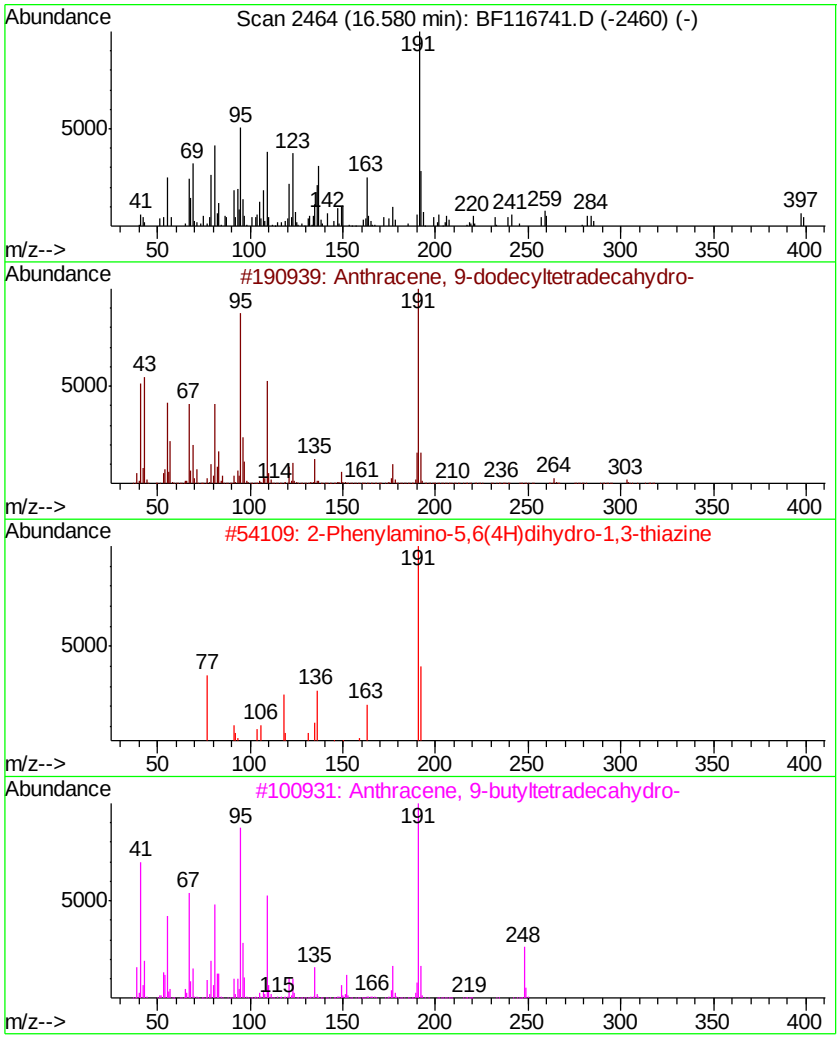
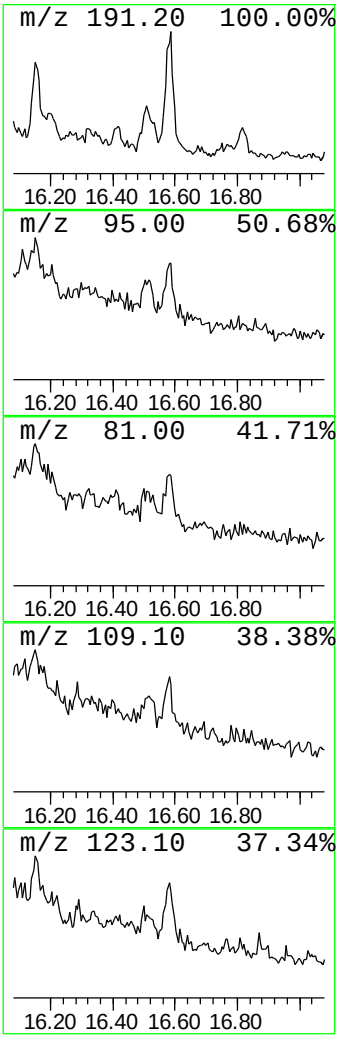
Peak Number 11 unknown16.58 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	4.23 ng	177438	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
2	2-Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	35
3	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	32
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	25
5	2-Fluoro-3-(trifluoromethyl)prop...	220	C10H8F4O	207986-23-0	22





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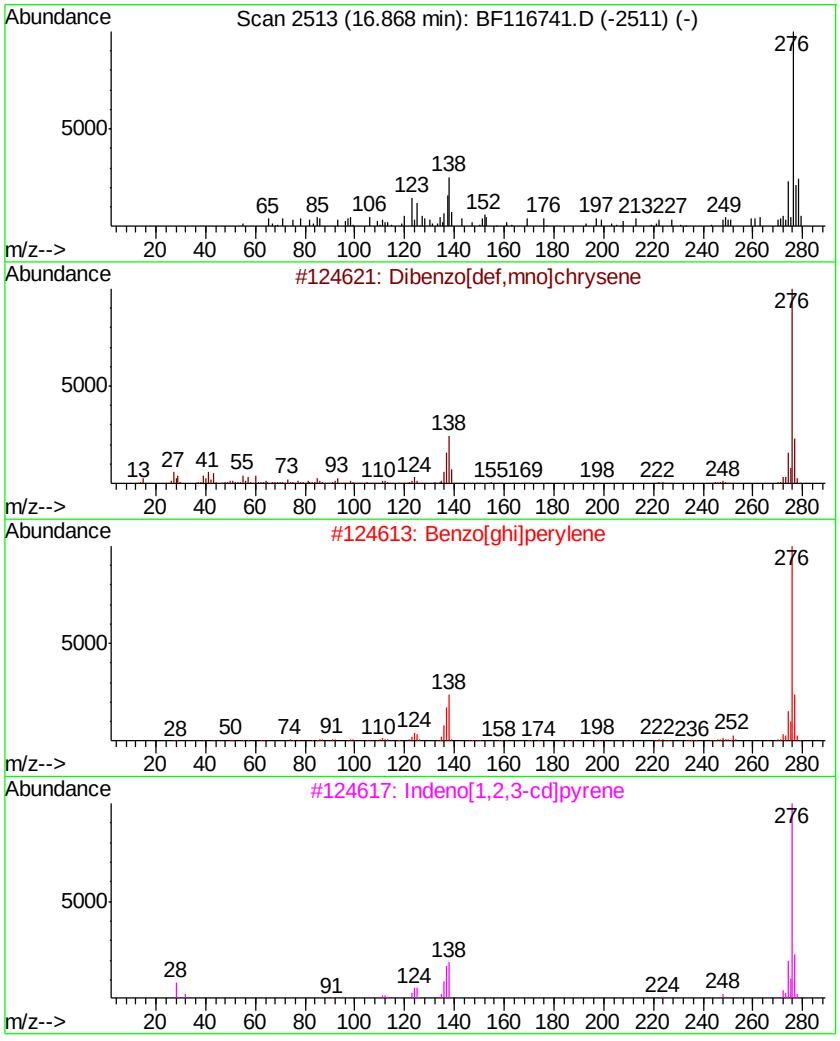
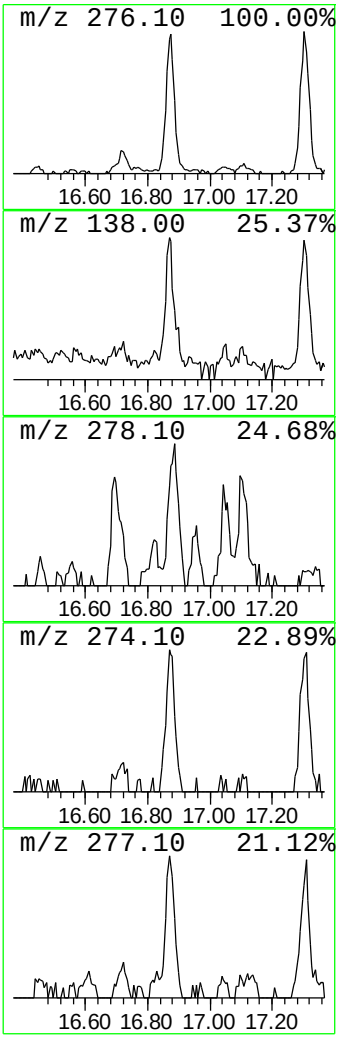
Peak Number 12 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.76 ng	115794	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	92
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	70
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	60
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	59
5	2-Chloro-7-methoxyphenazine 5,10...	276	C13H9ClN2O3	023677-04-5	52





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.62	6.62	78.0	ng	2726220	1	6.85	699501	20.0
n-Hexadecanoic acid	11.89	10.2	ng	601918	4	11.36	1184100	20.0
Octadecanoic acid	12.67	16.5	ng	1286830	5	13.99	1561280	20.0
Dichloroacetic ac...	13.83	8.5	ng	661009	5	13.99	1561280	20.0
Heptadecane	14.46	2.1	ng	165977	5	13.99	1561280	20.0
Heneicosane	14.77	5.0	ng	209237	6	15.44	838076	20.0
Nonadecane	15.10	11.2	ng	470422	6	15.44	838076	20.0
Pentadecane, 8-he...	15.90	6.0	ng	252458	6	15.44	838076	20.0
Undecane, 2,9-dim...	16.40	3.3	ng	139626	6	15.44	838076	20.0
unknown16.58	16.58	4.2	ng	177438	6	15.44	838076	20.0
Dibenzo[def,mno]c...	16.87	2.8	ng	115794	6	15.44	838076	20.0