LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116775.D
Acq On : 3 Sep 2019 16:31
Operator : HP/JU
Sample : K4581-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T12-C1-C4-(0-3.5)

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	569	573	577	rBV	2034800	1991635	87.86%	8.638%
2	6.475	741	746	758	rBV	2434708	2266926	100.00%	9.832%
3	6.616	765	770	773	rBV	2529262	2204760	97.26%	9.563%
4	6.845	806	809	812	rBV	797280	602110	26.56%	2.611%
5	7.004	832	836	839	rBV	1949869	1575327	69.49%	6.833%
6	7.404	899	904	907	rBV	1541896	1323791	58.40%	5.742%
7	8.128	1023	1027	1030	rBV	1057169	803669	35.45%	3.486%
8	9.204	1206	1210	1213	rBV	2460003	2199482	97.02%	9.540%
9	9.592	1273	1276	1284	rBV	274670	223636	9.87%	0.970%
10	9.880	1321	1325	1329	rBV	1147503	941508	41.53%	4.084%
11	10.663	1455	1458	1462	rBV	1532286	1465111	64.63%	6.355%
12	11.363	1574	1577	1580	rBV	1011374	910887	40.18%	3.951%
13	12.574	1781	1783	1791	rVB	413891	370451	16.34%	1.607%
14	12.945	1843	1846	1850	rBV	2188200	1973762	87.07%	8.561%
15	13.839	1995	1998	2002	rVB2	402951	502425	22.16%	2.179%
16	13.980	2019	2022	2023	rBV	448778	477230	21.05%	2.070%
17	13.998	2023	2025	2027	rVB	854243	678989	29.95%	2.945%
18	15.027	2196	2200	2207	rVB	193025	374839	16.54%	1.626%
19	15.104	2210	2213	2216	rVB	168439	176590	7.79%	0.766%
20	15.321	2248	2250	2257	rVB	108194	122193	5.39%	0.530%
21	15.386	2258	2261	2266	rVV	125231	156255	6.89%	0.678%
22	15.451	2267	2272	2275	rVV	650260	869128	38.34%	3.770%
23	15.480	2275	2277	2284	rVB	235211	271780	11.99%	1.179%
24	15.909	2346	2350	2355	rVB	152853	212741	9.38%	0.923%
25	16.409	2431	2435	2440	rBV	80367	126494	5.58%	0.549%
26	16.886	2513	2516	2524	rVB2	73274	136301	6.01%	0.591%
27	17.315	2587	2589	2597	rVB3	54593	98143	4.33%	0.426%

Sum of corrected areas: 23056163

LSC Report - Integrated Chromatogram

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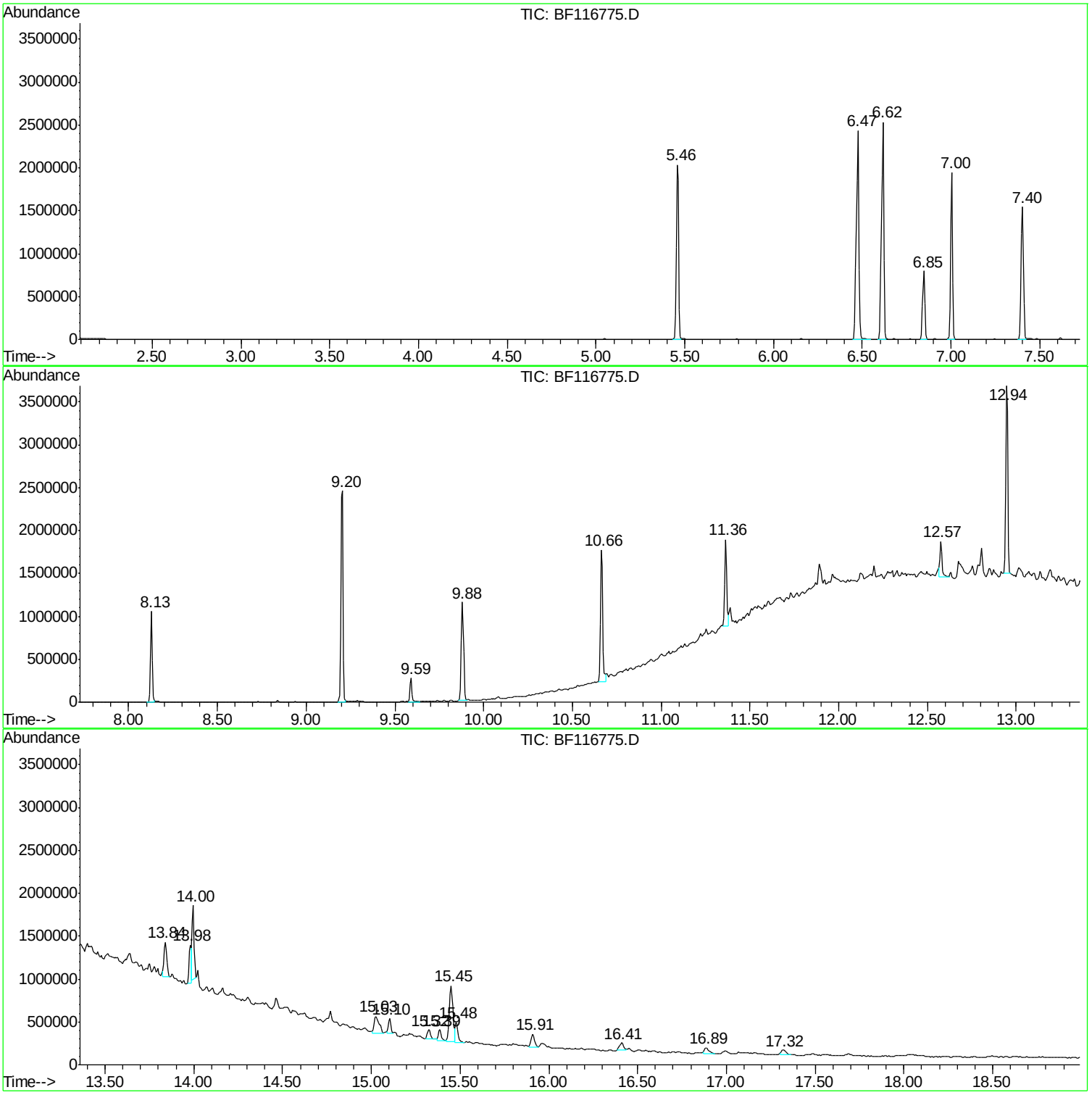
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T12-C1-C4-(0-3.5)

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



Library Search Compound Report

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Data File : BF116775.D
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Operator : HP/JU
Sample : K4581-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T12-C1-C4-(0-3.5)

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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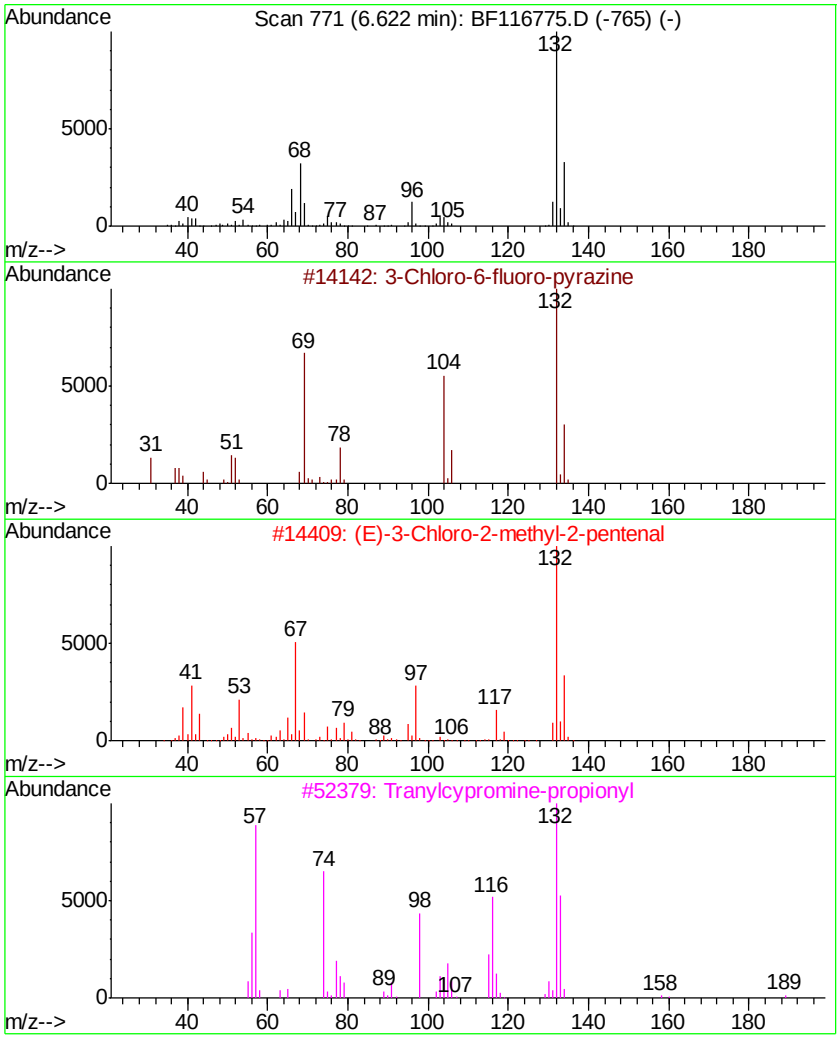
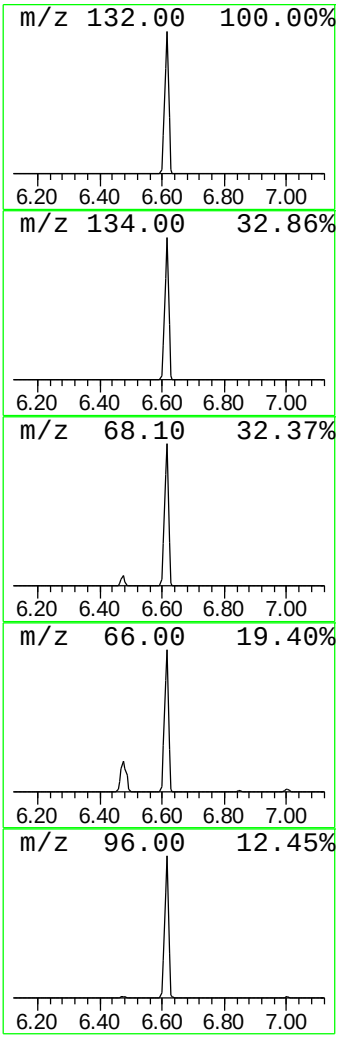
Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	73.23 ng	2204760	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Xenon	132	Xe	007440-63-3	9





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Operator : HP/JU
Sample : K4581-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T12-C1-C4-(0-3.5)

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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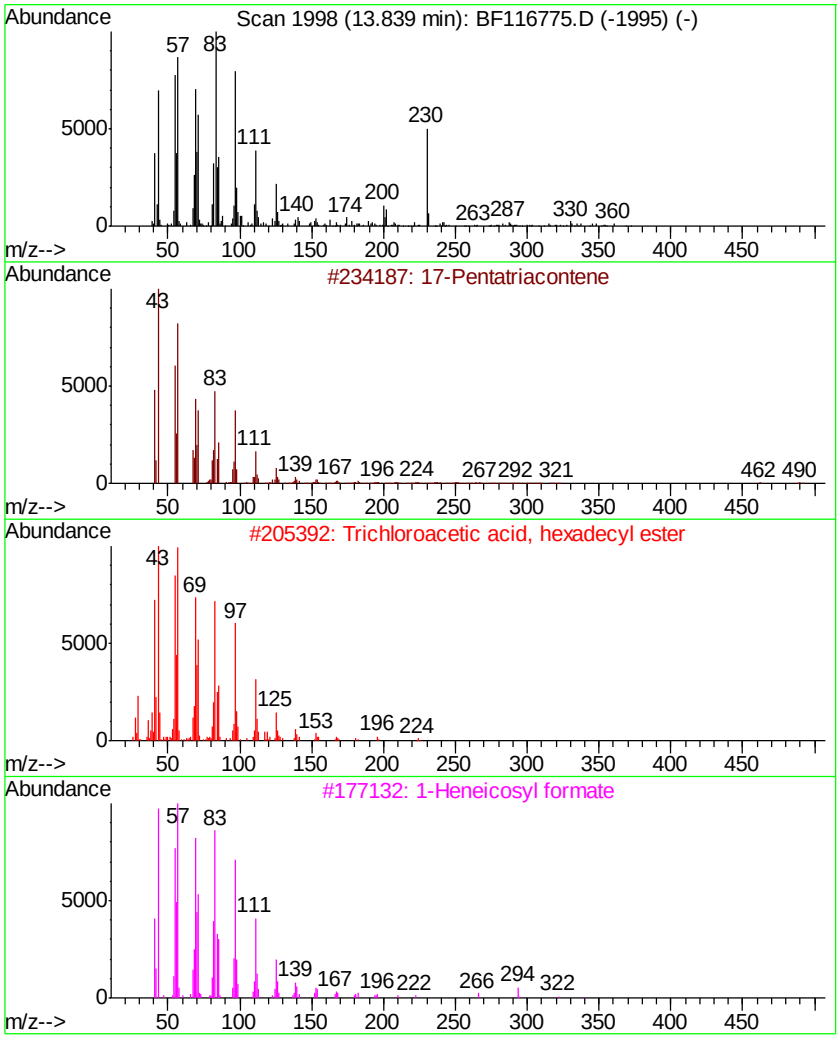
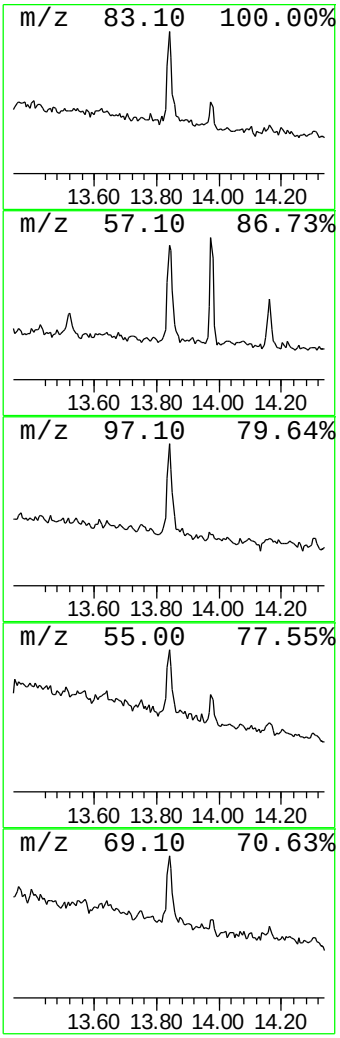
Peak Number 3 17-Pentatriacontene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	14.80 ng	502425	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	86
4	1-Docosene	308	C22H44	001599-67-3	83
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116775.D
Acq On : 3 Sep 2019 16:31
Operator : HP/JU
Sample : K4581-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T12-C1-C4-(0-3.5)

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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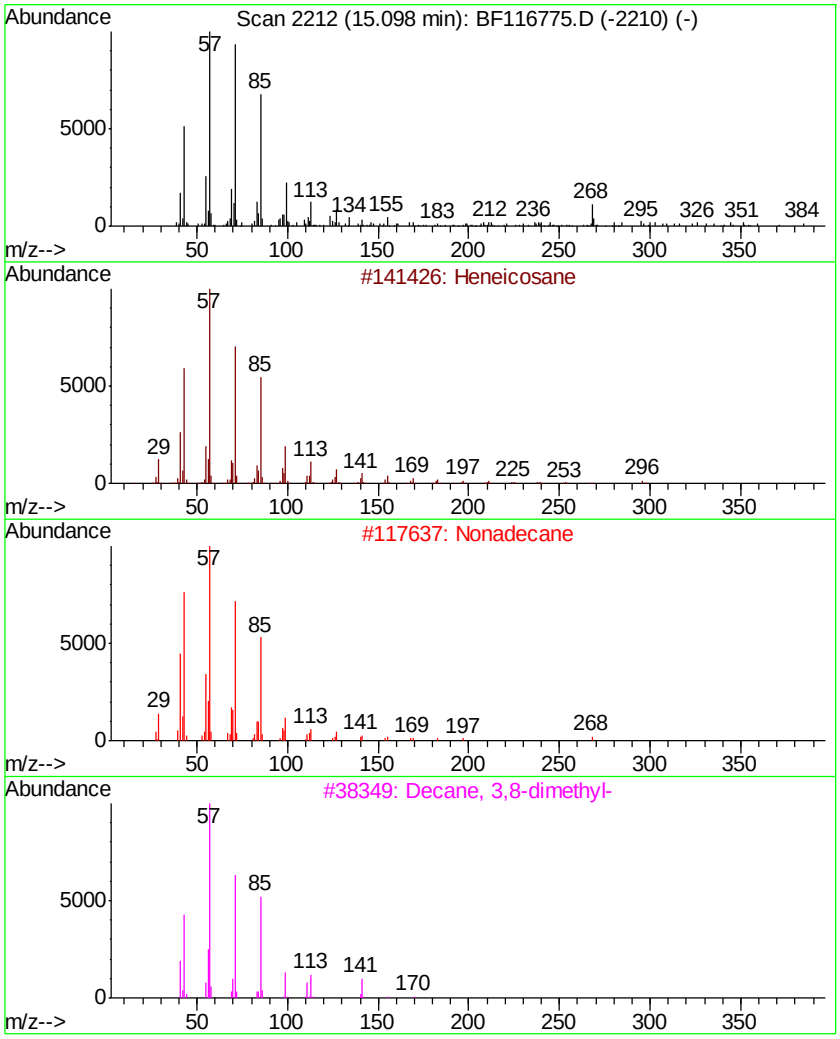
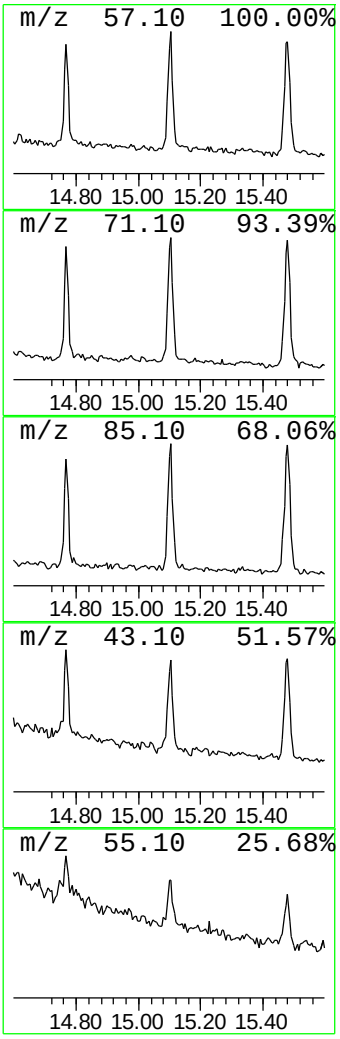
Peak Number 4 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.06 ng	176590	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Nonadecane	268	C19H40	000629-92-5	91
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	74
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	70





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : T12-C1-C4-(0-3.5)

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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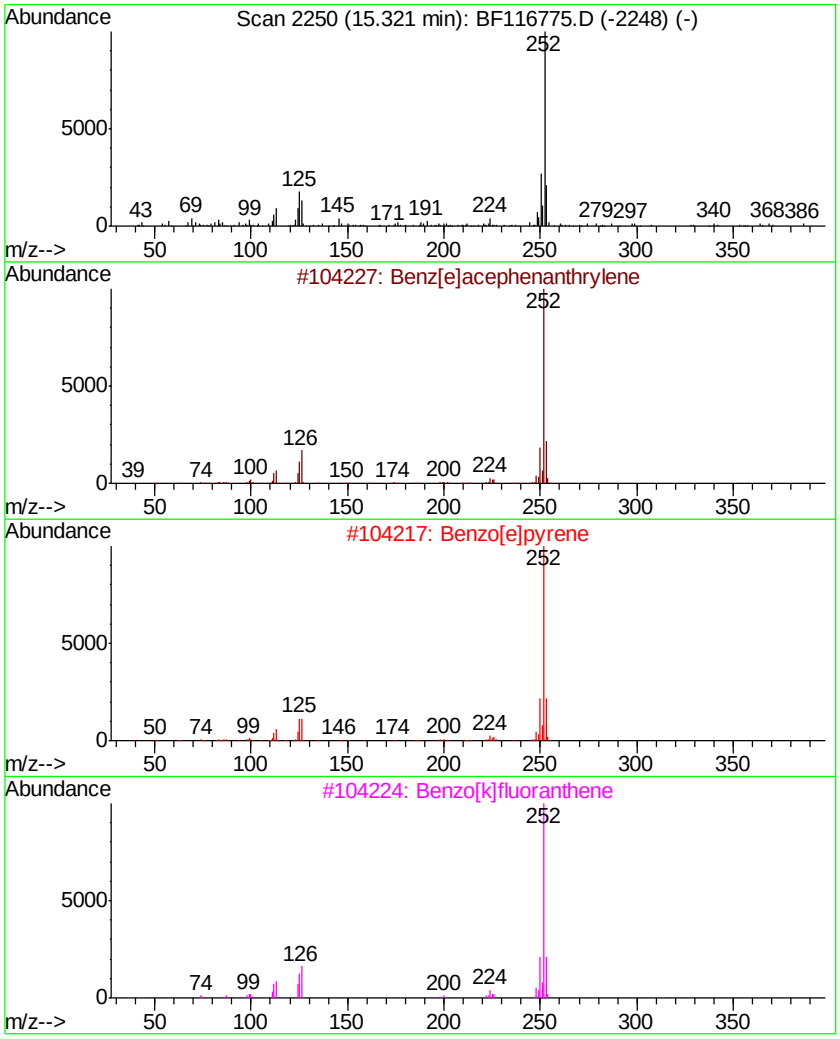
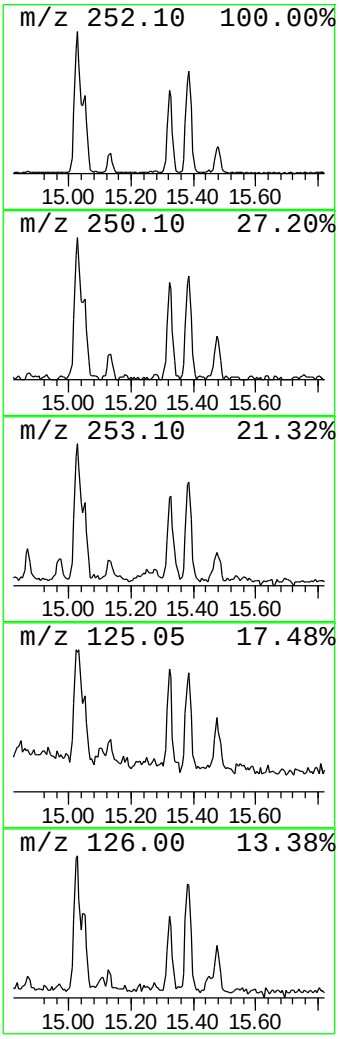
Peak Number 5 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.81 ng	122193	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BF116775.D
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Operator : HP/JU
Sample : K4581-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T12-C1-C4-(0-3.5)

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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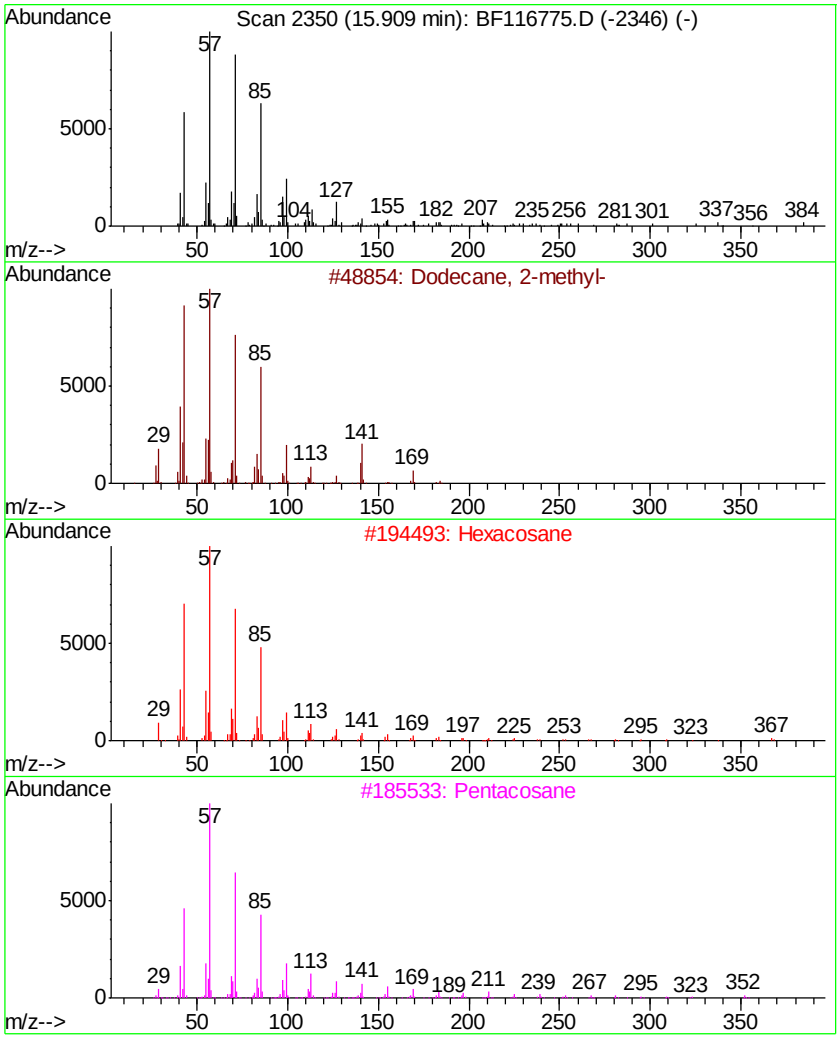
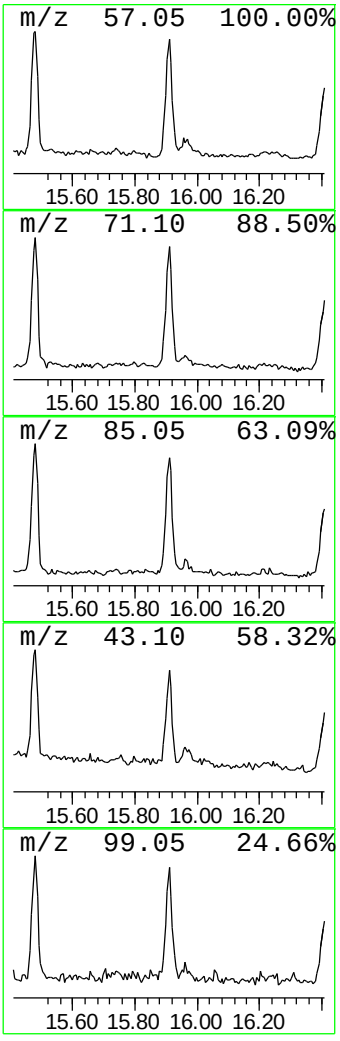
Peak Number 6 Dodecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	4.90 ng	212741	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Pentacosane	352	C25H52	000629-99-2	80
4	Docosane	310	C22H46	000629-97-0	80
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72





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Instrument : BNA_F
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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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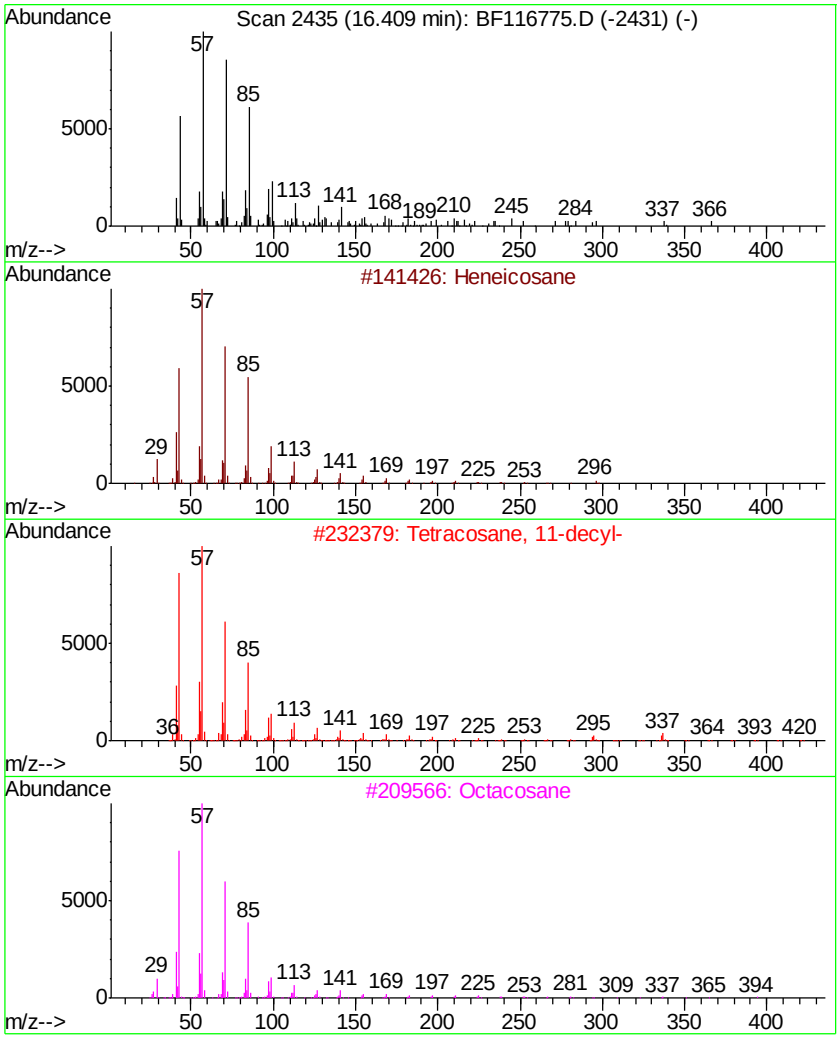
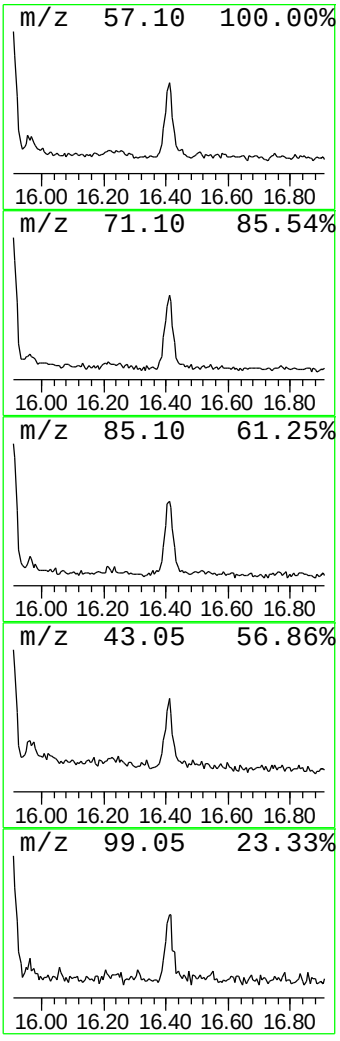
Peak Number 7 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.91 ng	126494	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86
3	Octacosane	394	C28H58	000630-02-4	86
4	2-methyltetracosane	352	C25H52	1000376-72-6	86
5	Pentacosane	352	C25H52	000629-99-2	86





Tentatively Identified Compound (LSC) summary

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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
unknown6.62	6.62	73.2	ng	2204760	1	6.85	602110	20.0
17-Pentatriacontene	13.84	14.8	ng	502425	5	14.00	678989	20.0
Heneicosane	15.10	4.1	ng	176590	6	15.45	869128	20.0
Benzo[e]pyrene	15.32	2.8	ng	122193	6	15.45	869128	20.0
Dodecane, 2-methyl-	15.91	4.9	ng	212741	6	15.45	869128	20.0
Octacosane	16.41	2.9	ng	126494	6	15.45	869128	20.0