LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116194.D
Acq On : 12 Aug 2019 16:19
Operator : HP/JU
Sample : K4219-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

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	5.457	569	573	602	rBV	1354148	1764940	76.34%	7.902%
2	6.469	741	745	764	rBV	1758998	2049456	88.65%	9.176%
3	6.604	764	768	785	rVB	2168557	1953076	84.48%	8.744%
4	6.834	804	807	818	rBV	860195	769278	33.27%	3.444%
5	6.986	830	833	849	rBV	1460318	1346337	58.24%	6.028%
6	7.392	899	902	921	rBV	1077459	1213633	52.50%	5.434%
7	8.110	1021	1024	1053	rBV	905196	1024170	44.30%	4.586%
8	9.186	1203	1207	1219	rBV	2427848	2195194	94.95%	9.829%
9	9.586	1272	1275	1285	rBV	87375	100699	4.36%	0.451%
10	9.869	1319	1323	1336	rBV	1403429	1218302	52.70%	5.455%
11	10.657	1454	1457	1473	rBV	1129240	1343427	58.11%	6.015%
12	11.357	1572	1576	1585	rBV	1251097	1245627	53.88%	5.577%
13	11.421	1585	1587	1595	rVB2	24442	29499	1.28%	0.132%
14	11.880	1662	1665	1673	rBV4	22563	48455	2.10%	0.217%
15	12.663	1794	1798	1810	rBV2	36243	94006	4.07%	0.421%
16	12.933	1840	1844	1856	rBV	2453822	2311900	100.00%	10.351%
17	13.857	1993	2001	2010	rBV7	54352	192766	8.34%	0.863%
18	13.998	2021	2025	2033	rBV	843651	929912	40.22%	4.163%
19	14.145	2047	2050	2053	rVB	34580	35145	1.52%	0.157%
20	14.445	2097	2101	2107	rBV	89797	109264	4.73%	0.489%
21	14.751	2149	2153	2157	rBV	139500	152926	6.61%	0.685%
22	14.821	2162	2165	2169	rVB	104609	108549	4.70%	0.486%
23	15.080	2205	2209	2214	rBV	235549	262136	11.34%	1.174%
24	15.462	2268	2274	2289	rVB2	731005	1236645	53.49%	5.537%
25	15.880	2339	2345	2352	rBV	182849	297996	12.89%	1.334%
26	16.368	2423	2428	2443	rVB	108018	234881	10.16%	1.052%
27	16.945	2522	2526	2535	rVB2	35288	66745	2.89%	0.299%

Sum of corrected areas: 22334964

LSC Report - Integrated Chromatogram

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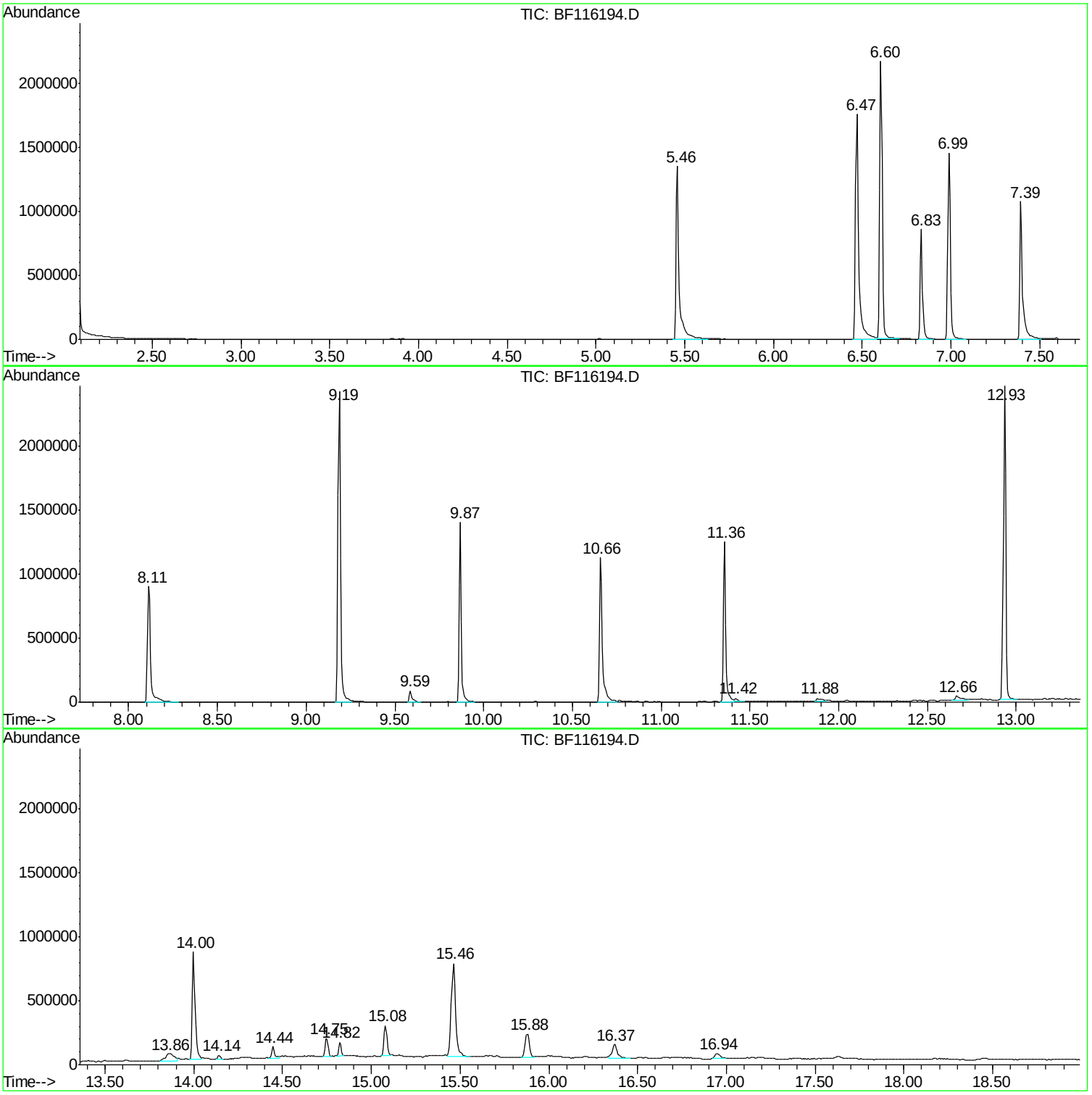
Sample : K4219-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

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

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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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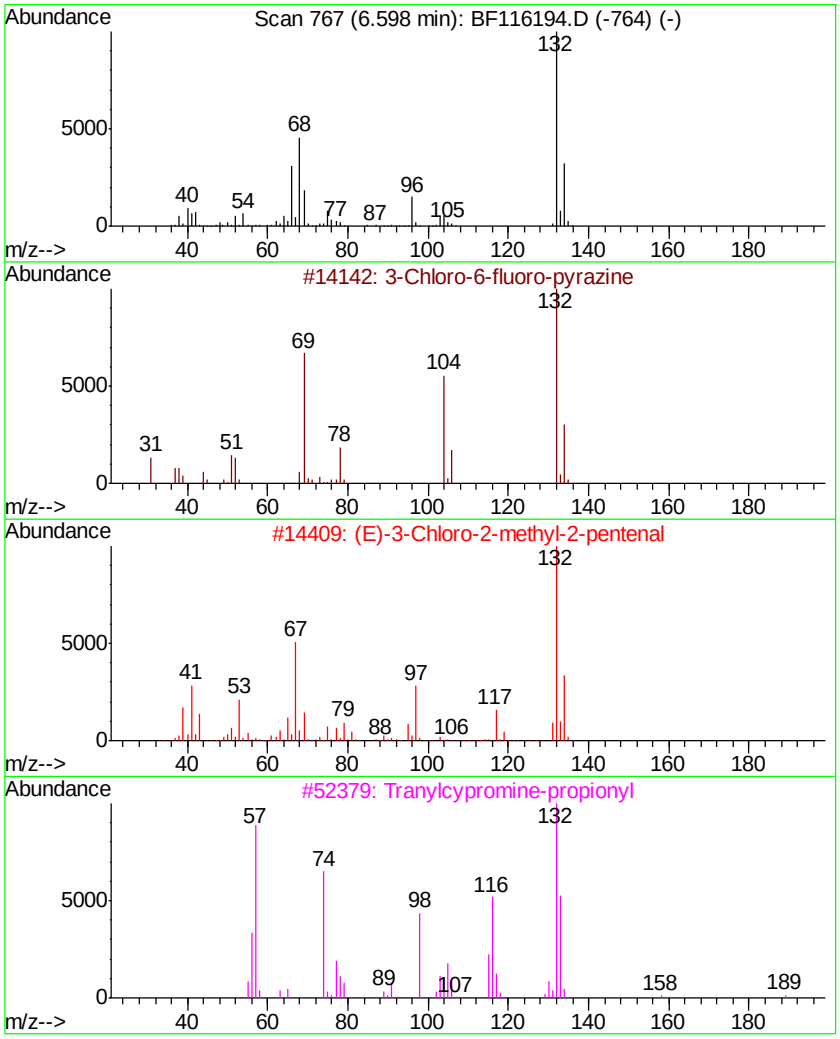
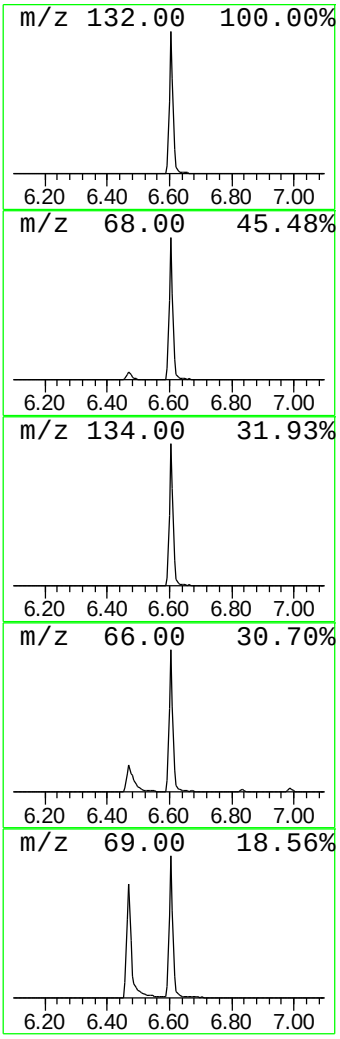
Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	50.78 ng	1953080	1,4-Dichlorobenzene-d4	6.83

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	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : K4219-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

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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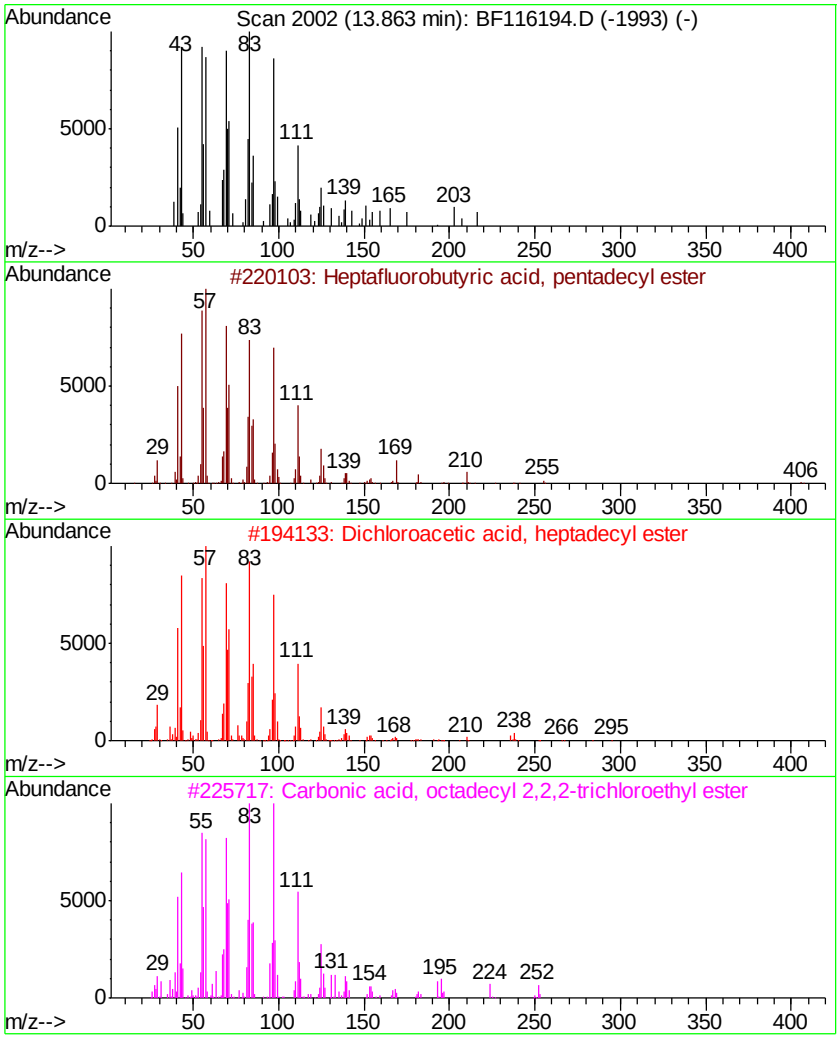
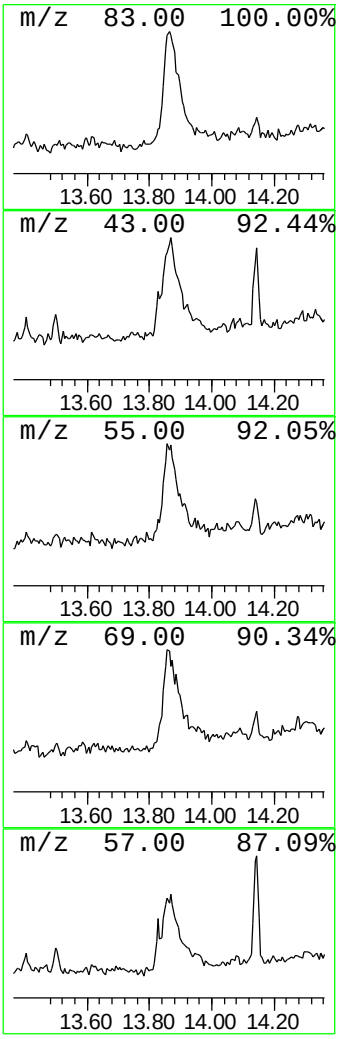
Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.15 ng	192766	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





Library Search Compound Report

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Data File : BF116194.D
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Sample : K4219-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

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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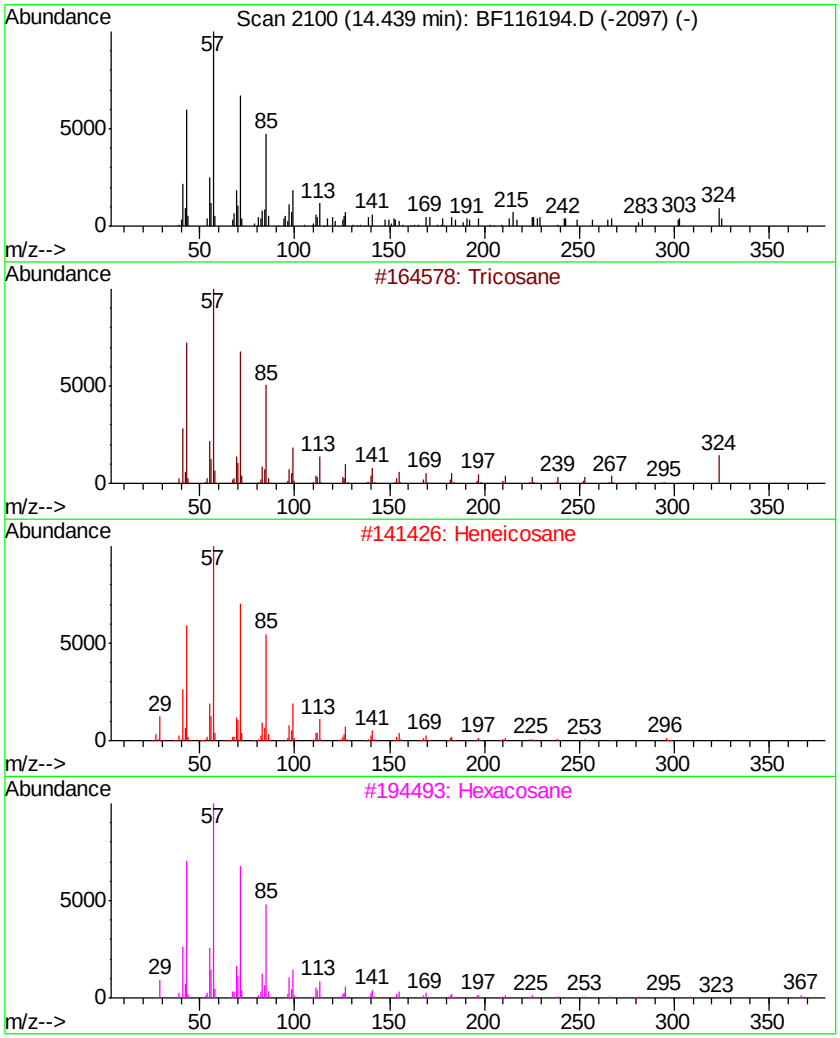
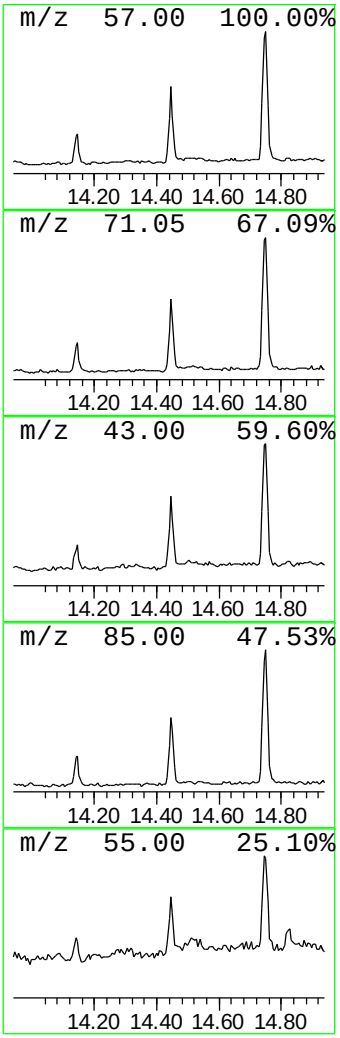
Peak Number 4 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.35 ng	109264	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Library Search Compound Report

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Data File : BF116194.D
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Operator : HP/JU
Sample : K4219-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

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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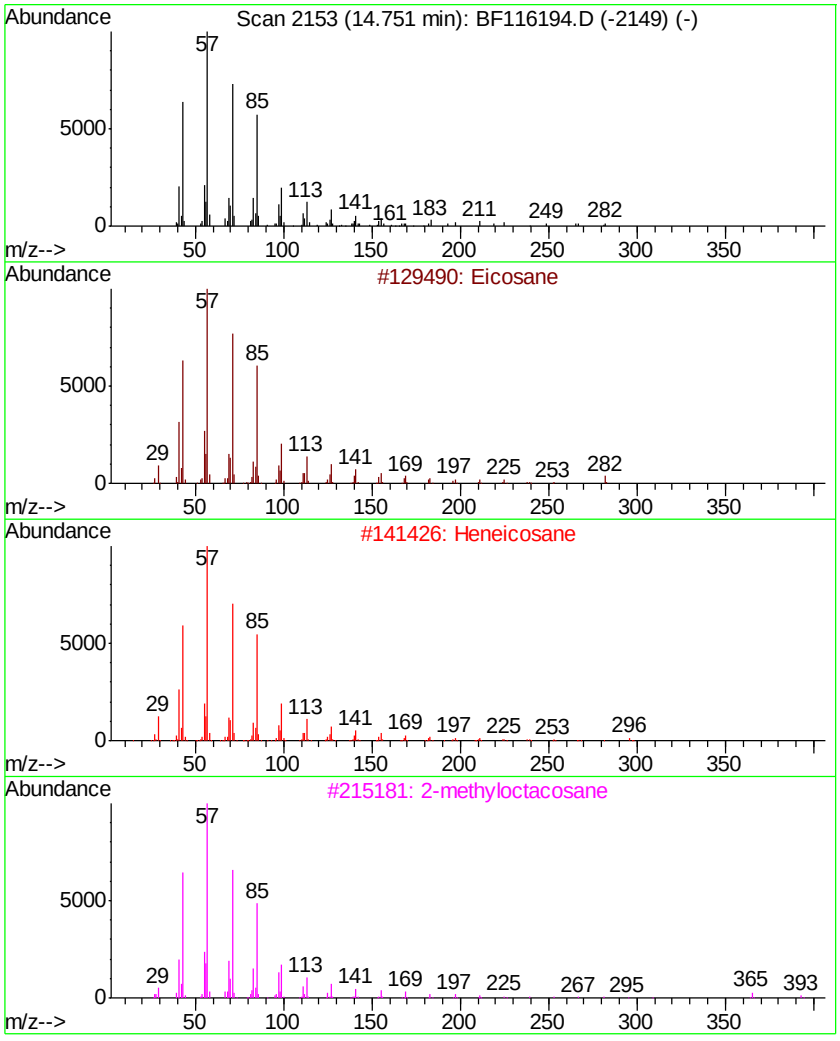
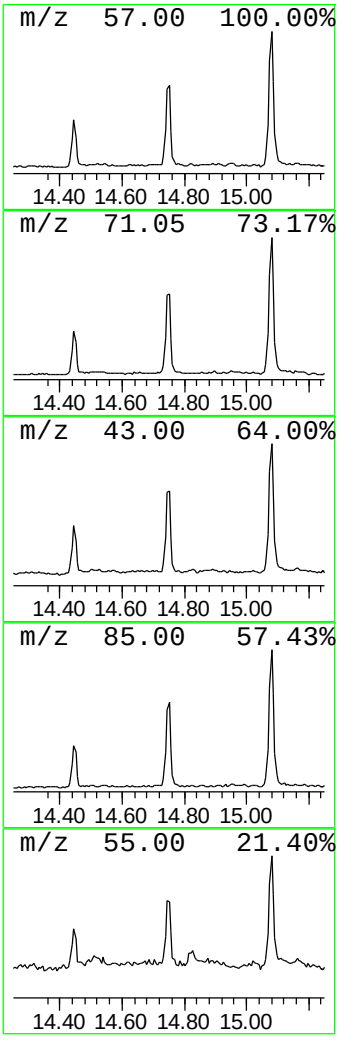
Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.47 ng	152926	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
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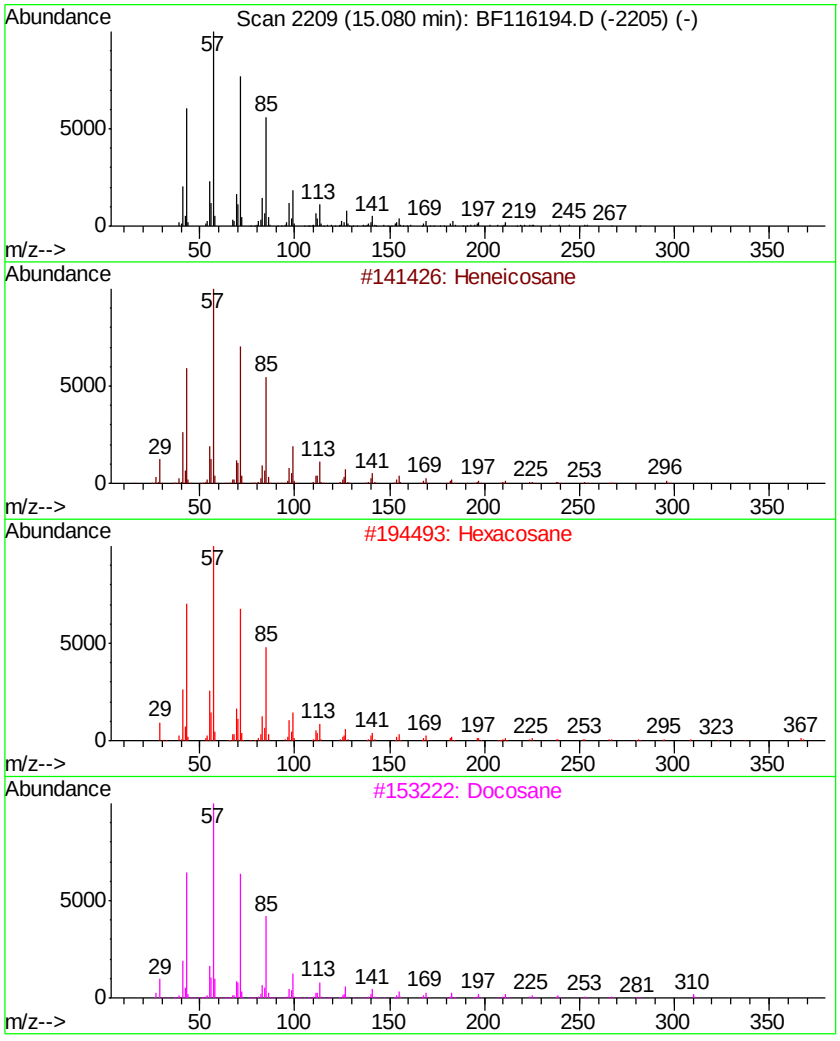
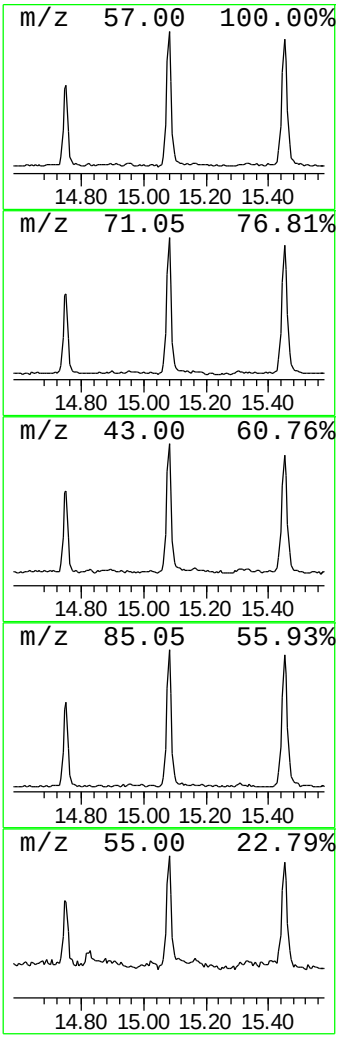
Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	4.24 ng	262136	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Docosane	310	C22H46	000629-97-0	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octadecane	254	C18H38	000593-45-3	90





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Operator : HP/JU
Sample : K4219-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

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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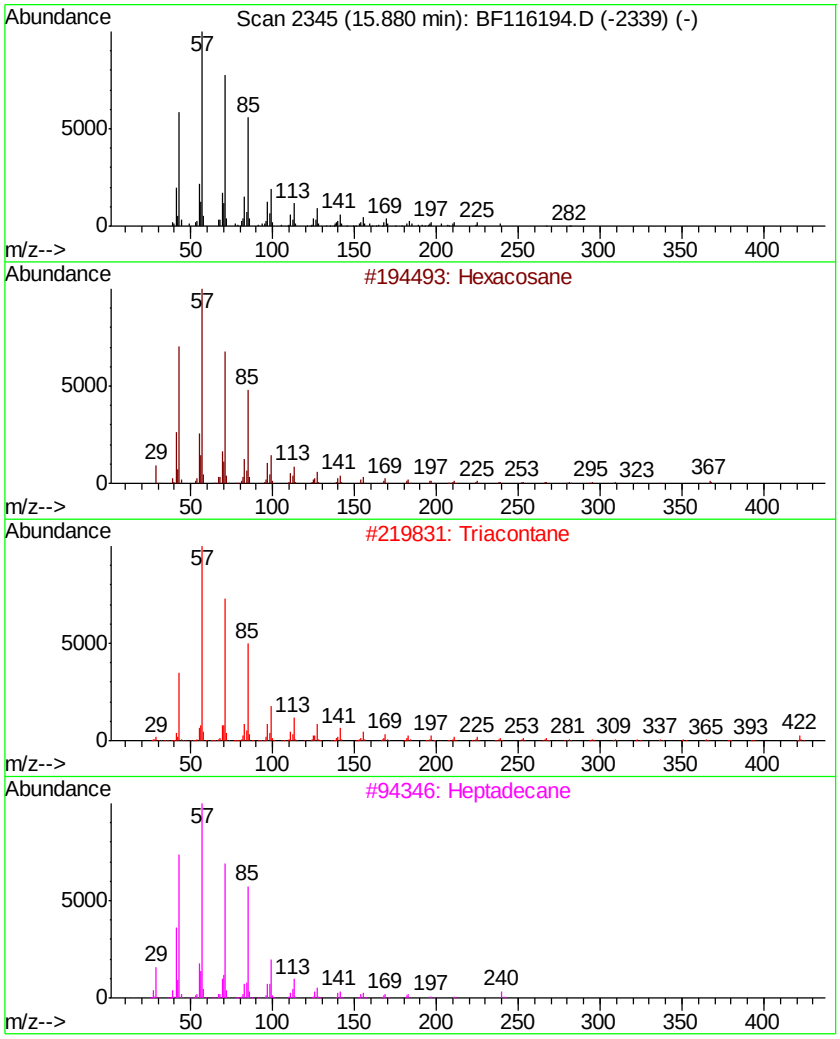
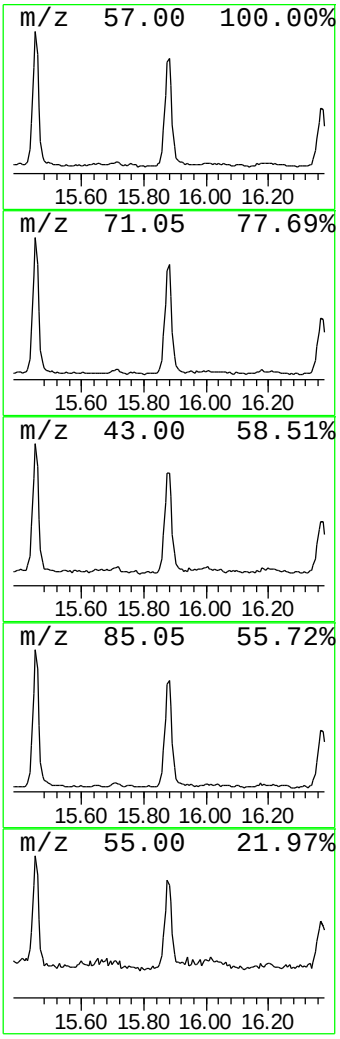
Peak Number 7 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	4.82 ng	297996	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Triacontane	422	C30H62	000638-68-6	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B

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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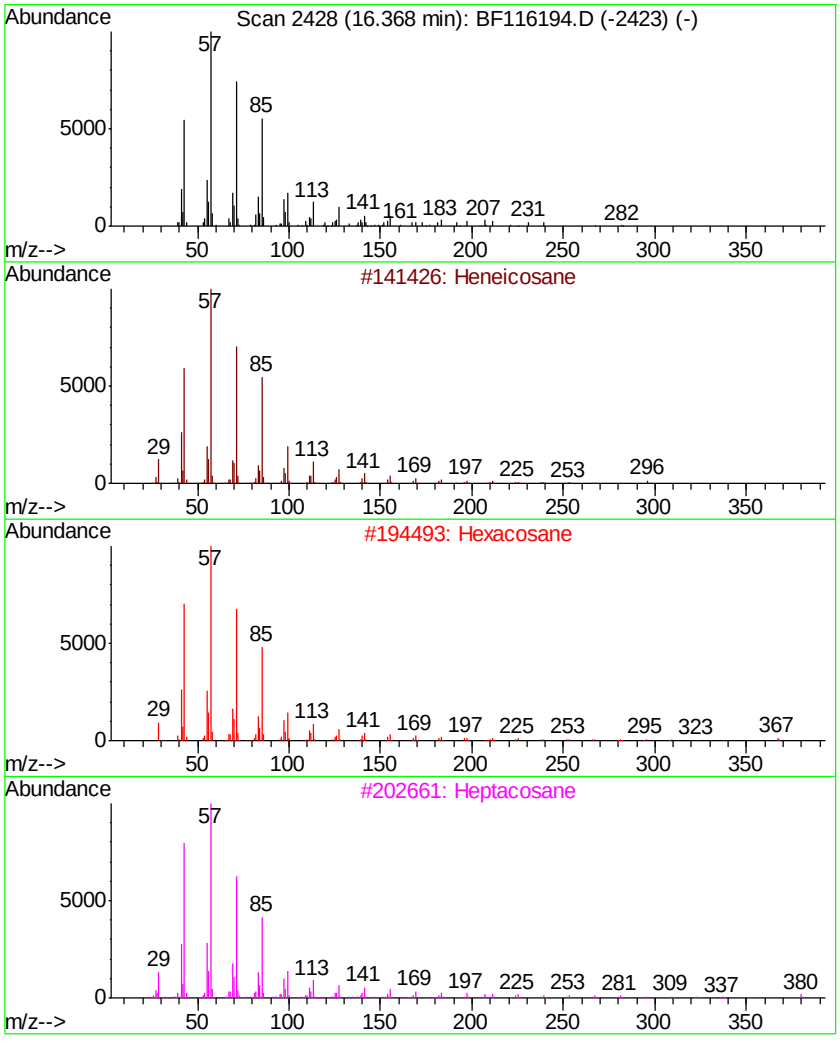
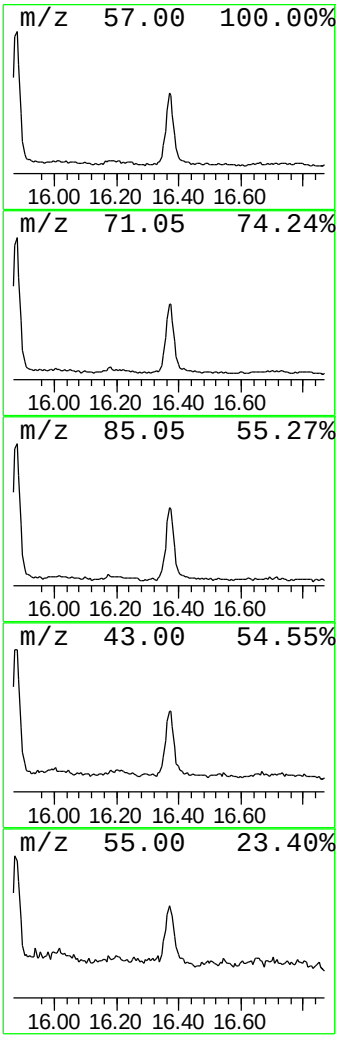
Peak Number 8 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.80 ng	234881	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.60	6.60	50.8	ng	1953080	1	6.83	769278	20.0
Heptafluorobutyri...	13.86	4.2	ng	192766	5	14.00	929912	20.0
Tricosane	14.44	2.4	ng	109264	5	14.00	929912	20.0
Eicosane	14.75	2.5	ng	152926	6	15.46	1236650	20.0
Heneicosane	15.08	4.2	ng	262136	6	15.46	1236650	20.0
Hexacosane	15.88	4.8	ng	297996	6	15.46	1236650	20.0
Heptacosane	16.37	3.8	ng	234881	6	15.46	1236650	20.0