LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099804.D
Acq On : 24 Oct 2017 22:46
Operator : SJ/JU
Sample : I5956-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-1(15-17)

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	5.028	497	500	518	rBV	166334	260616	14.55%	1.668%
2	5.428	565	568	590	rBV	1634497	1672318	93.34%	10.704%
3	6.445	737	741	759	rBV	1582898	1648078	91.99%	10.549%
4	6.575	759	763	772	rVB	1929223	1742551	97.26%	11.154%
5	6.804	799	802	812	rBV	578580	493115	27.52%	3.156%
6	6.957	825	828	843	rBV	1486443	1311491	73.20%	8.395%
7	7.375	895	899	918	rBV	1048185	1017492	56.79%	6.513%
8	8.086	1016	1020	1031	rBV	826573	684235	38.19%	4.380%
9	8.645	1112	1115	1123	rBV	78689	68272	3.81%	0.437%
10	9.163	1198	1203	1206	rBV	2041399	1791665	100.00%	11.468%
11	9.557	1268	1270	1278	rBB	28541	24797	1.38%	0.159%
12	9.839	1315	1318	1330	rVB	796230	717235	40.03%	4.591%
13	10.557	1436	1440	1450	rBB	201827	172590	9.63%	1.105%
14	10.633	1450	1453	1468	rBV	913343	840873	46.93%	5.382%
15	11.333	1568	1572	1580	rBV	703432	592708	33.08%	3.794%
16	12.915	1837	1841	1844	rBV	1248752	1083567	60.48%	6.936%
17	13.798	1988	1991	2000	rBV3	24731	33360	1.86%	0.214%
18	13.980	2018	2022	2032	rBV	538172	480576	26.82%	3.076%
19	15.051	2200	2204	2208	rVB	25504	27906	1.56%	0.179%
20	15.421	2262	2267	2268	rBV	43034	53073	2.96%	0.340%
21	15.445	2268	2271	2281	rVB	366762	467368	26.09%	2.992%
22	15.839	2333	2338	2347	rBV	49564	78073	4.36%	0.500%
23	16.333	2415	2422	2430	rBV	52704	92419	5.16%	0.592%
24	16.903	2513	2519	2530	rBV3	41313	80589	4.50%	0.516%
25	17.580	2626	2634	2645	rBV4	37671	94210	5.26%	0.603%
26	18.380	2764	2770	2779	rBV5	18355	51227	2.86%	0.328%
27	19.344	2926	2934	2940	rBV7	14100	42447	2.37%	0.272%

Sum of corrected areas: 15622851

LSC Report - Integrated Chromatogram

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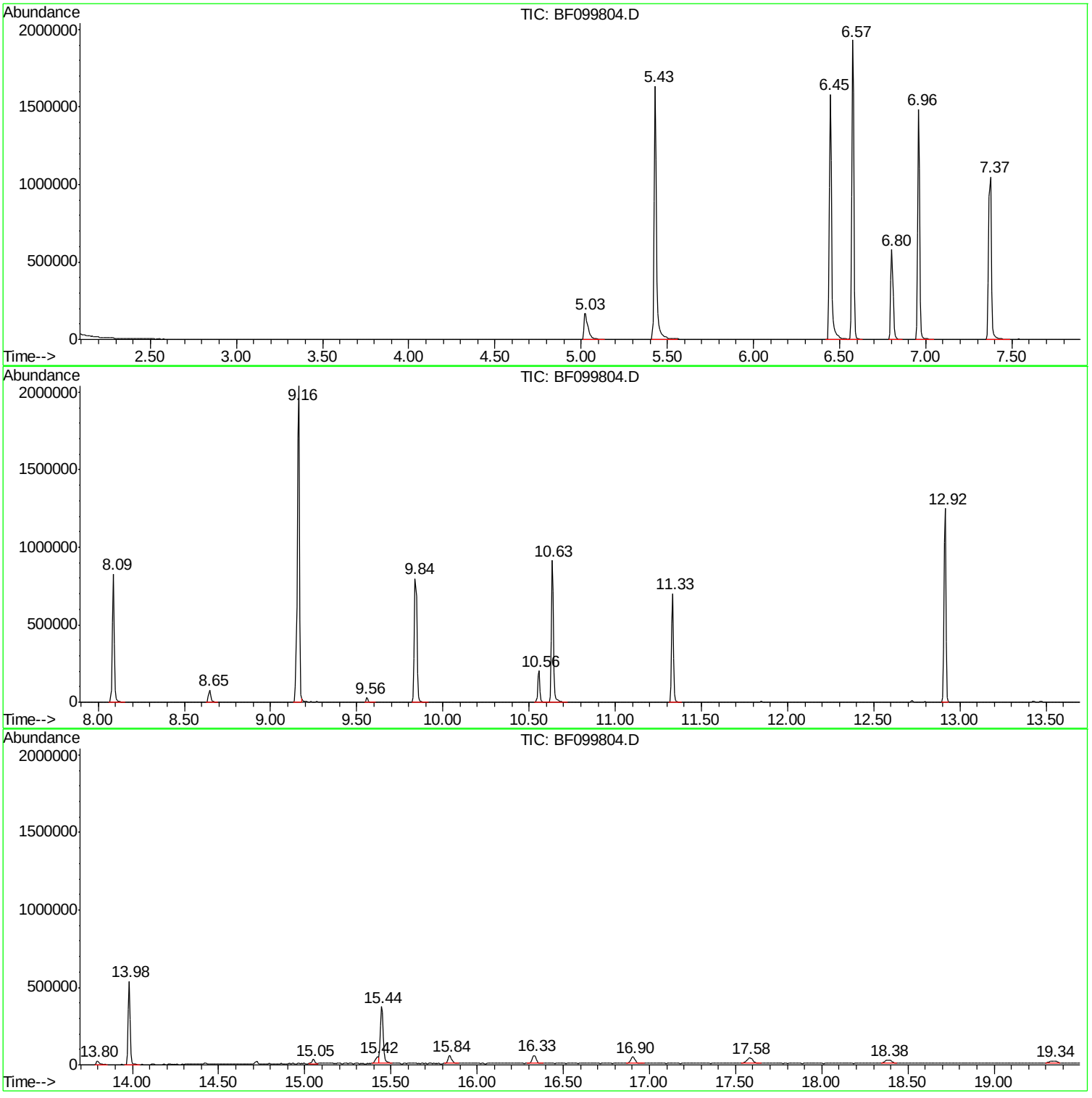
Instrument : BNA_F
ClientSampleId : EPE-120-1(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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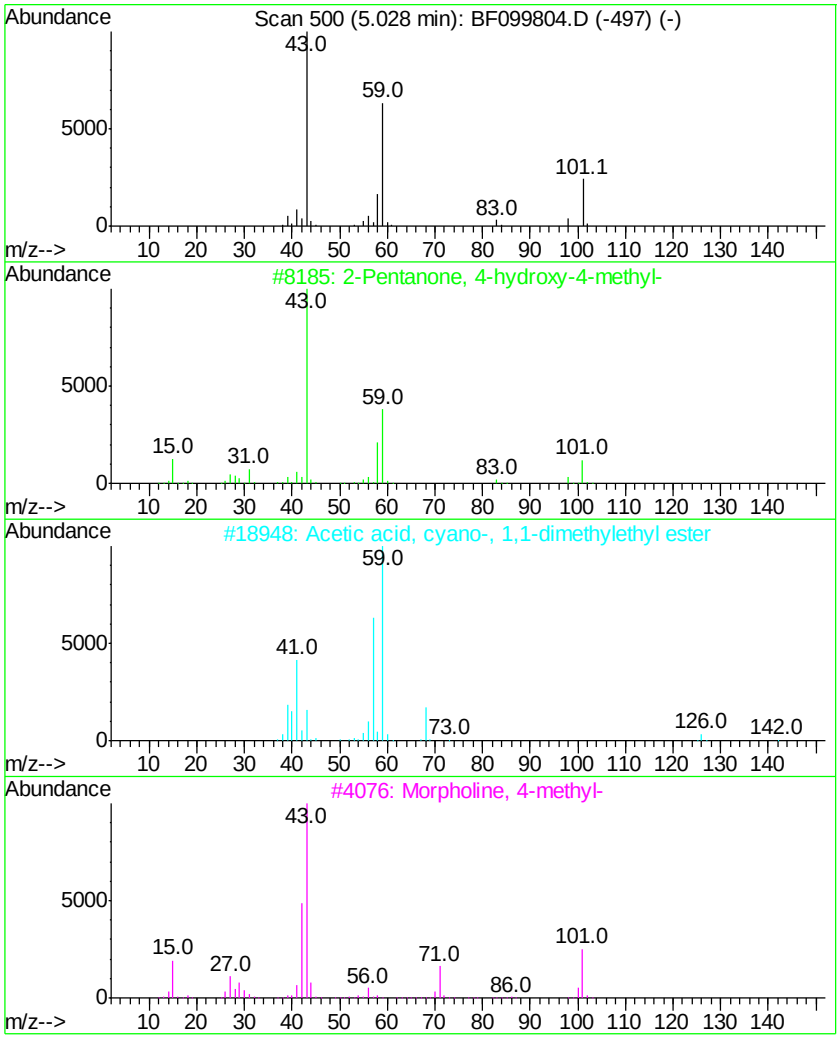
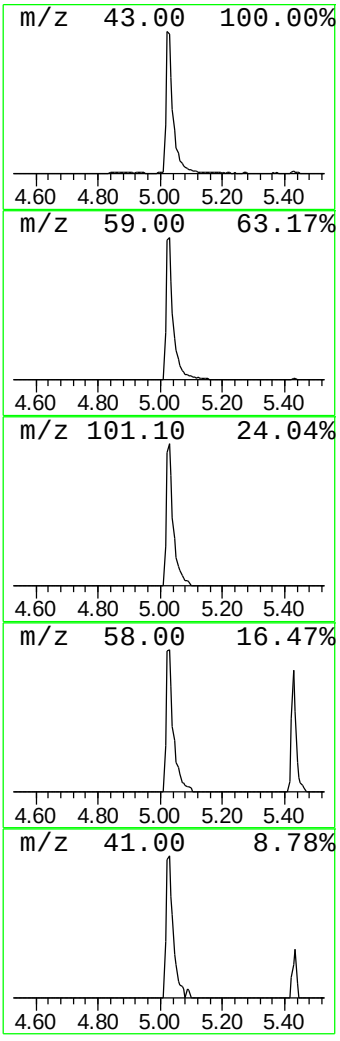
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	10.57 ng	260616	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
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





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Sample : I5956-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-1(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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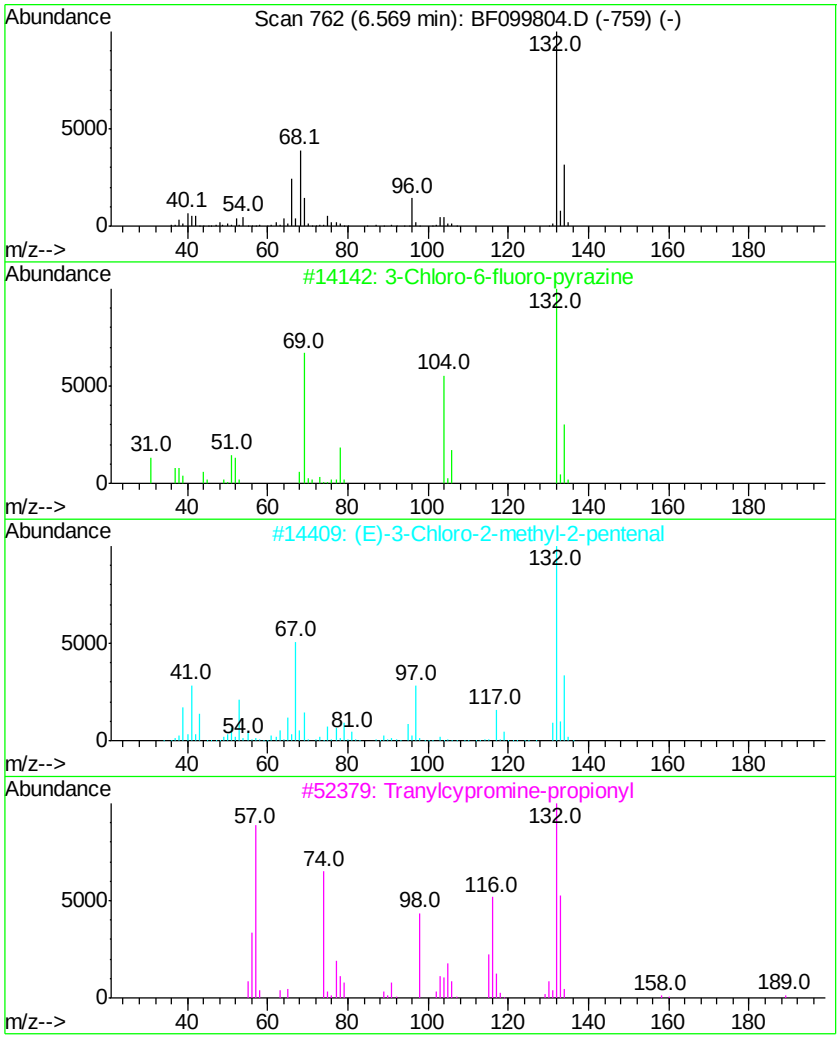
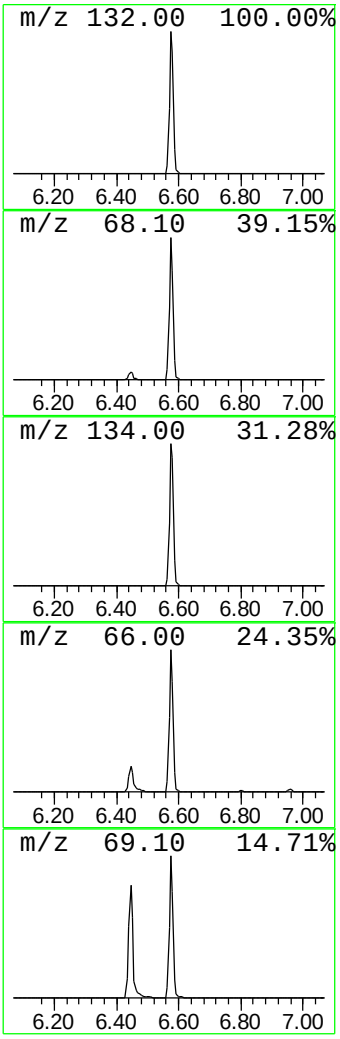
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	70.68 ng	1742550	1,4-Dichlorobenzene-d4	6.80

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	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
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Sample : I5956-06
Misc :
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Instrument : BNA_F
ClientSampleId : EPE-120-1(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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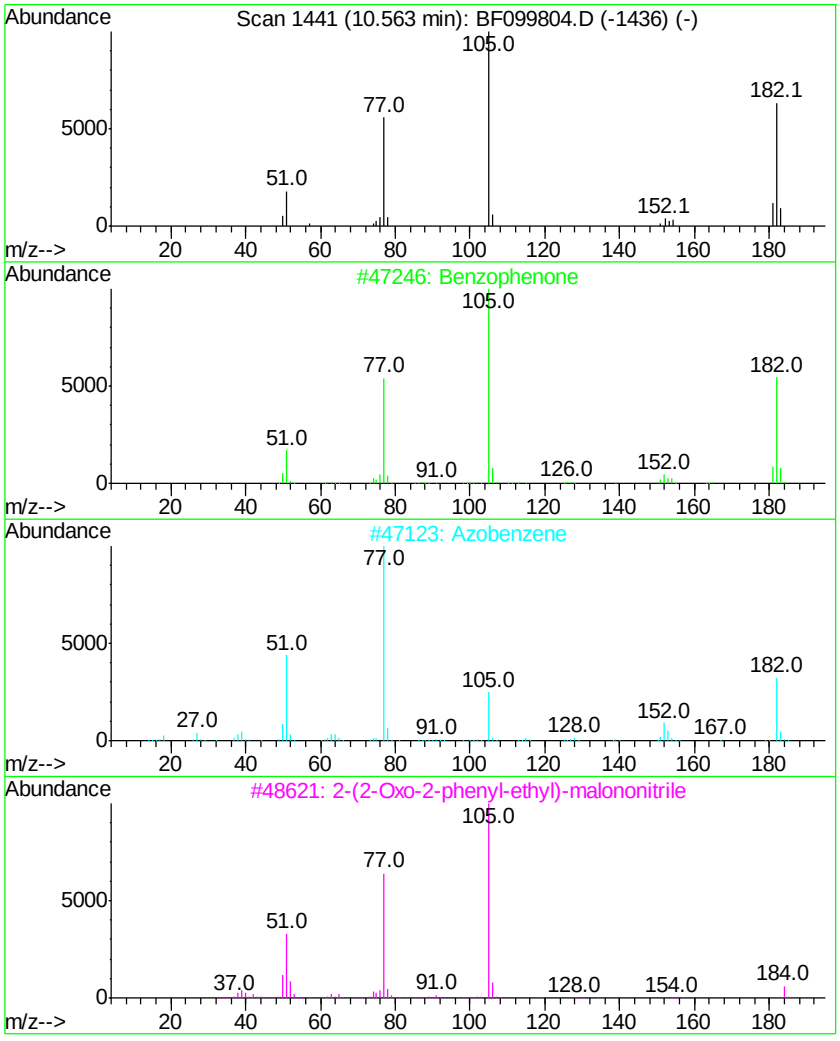
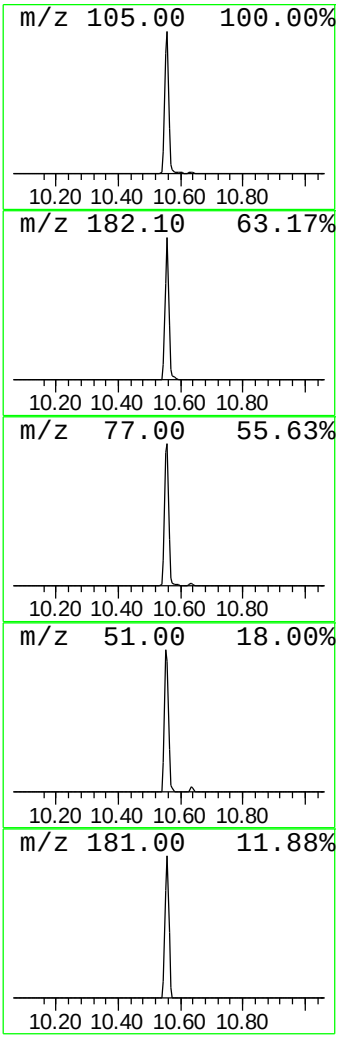
Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.81 ng	172590	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	46
5	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	43





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Sample : I5956-06
Misc :
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Instrument : BNA_F
ClientSampleId : EPE-120-1(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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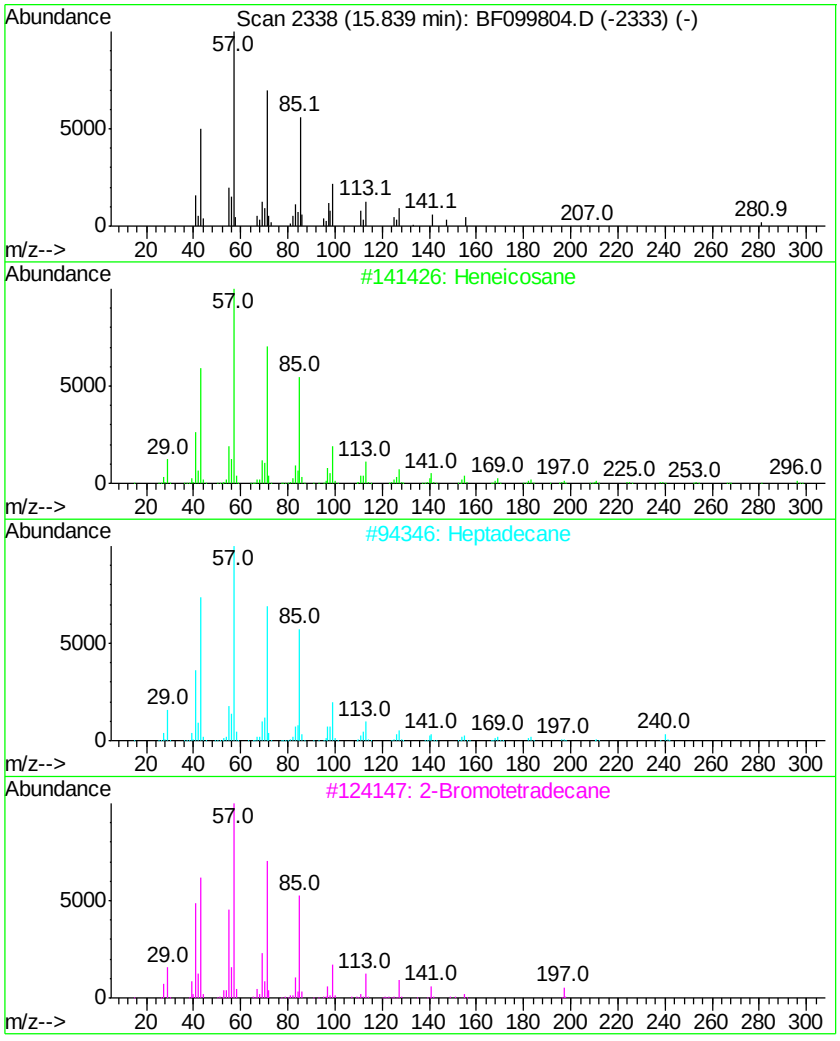
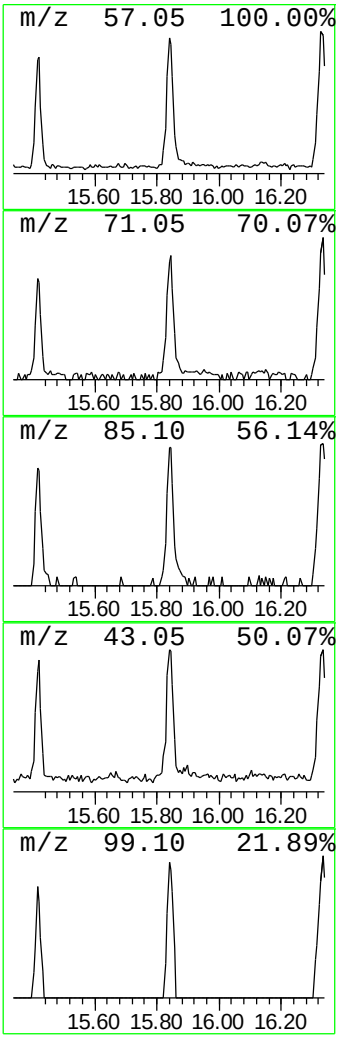
Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	3.34 ng	78073	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90





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Instrument : BNA_F
ClientSampleId : EPE-120-1(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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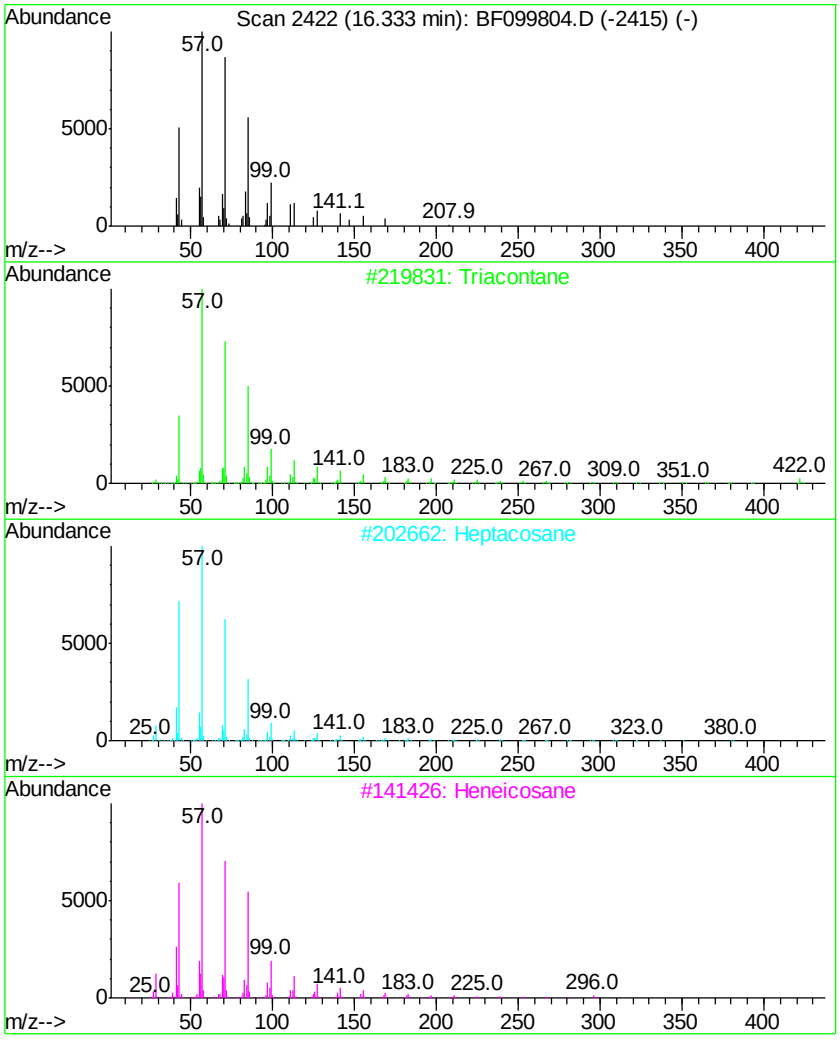
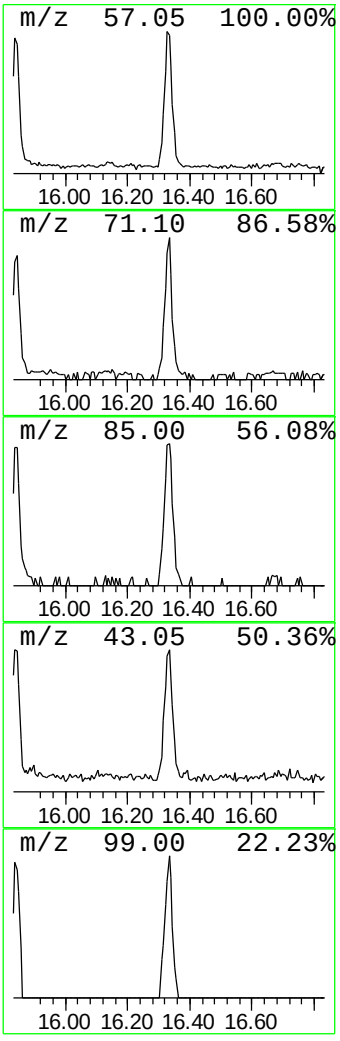
Peak Number 6 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	3.95 ng	92419	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Hentriacontane	437	C31H64	000630-04-6	83





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-1(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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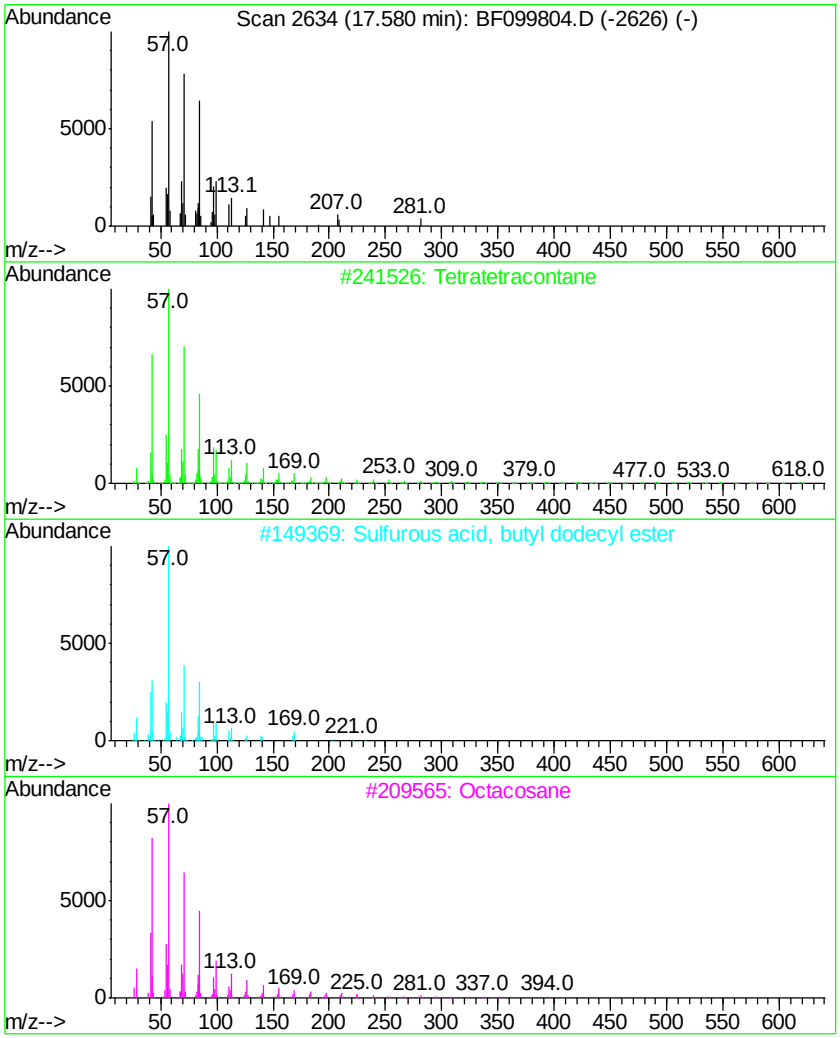
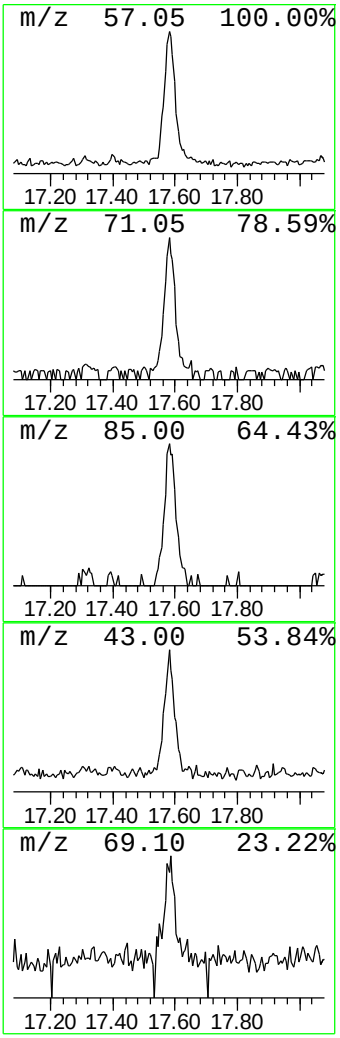
Peak Number 8 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	4.03 ng	94210	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





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Instrument : BNA_F
ClientSampleId : EPE-120-1(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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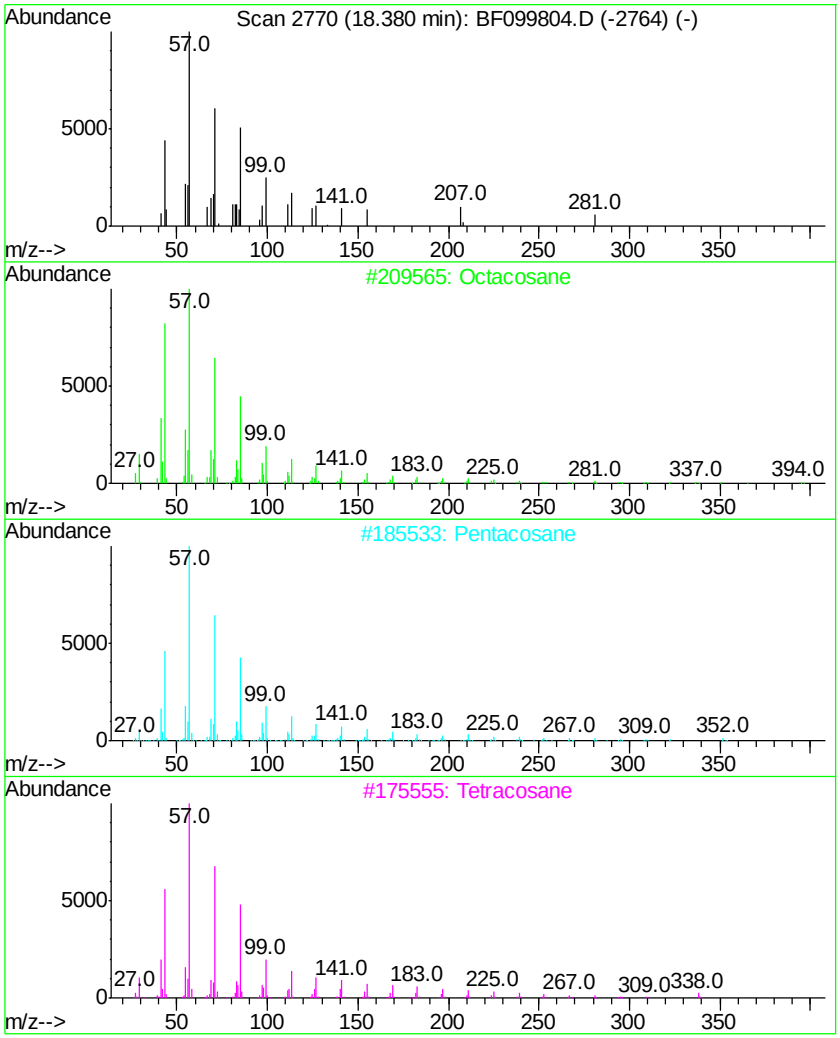
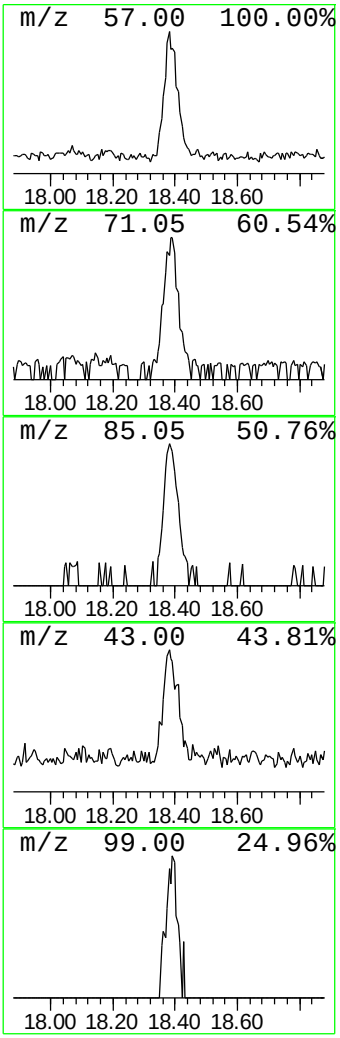
Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.19 ng	51227	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	80
2	Pentacosane	352	C25H52	000629-99-2	72
3	Tetracosane	338	C24H50	000646-31-1	64
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	64
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	64





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
2-Pentanone, 4-hy...	5.03	10.6	ng	260616	1	6.80	493115	20.0
unknown6.57	6.57	70.7	ng	1742550	1	6.80	493115	20.0
Benzophenone	10.56	4.8	ng	172590	3	9.84	717235	20.0
Heneicosane	15.84	3.3	ng	78073	6	15.44	467368	20.0
Triacontane	16.33	4.0	ng	92419	6	15.44	467368	20.0
Tetratetracontane	17.58	4.0	ng	94210	6	15.44	467368	20.0
Octacosane	18.38	2.2	ng	51227	6	15.44	467368	20.0