LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117762.D
Acq On : 12 Nov 2019 16:29
Operator : JU
Sample : K5789-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

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-BF110619.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	2.216	16	22	33	rVB	1119329	1494153	26.45%	2.707%
2	5.140	511	519	527	rBV	896521	1048015	18.55%	1.898%
3	5.539	582	587	590	rBV	5009927	4622345	81.82%	8.373%
4	6.545	752	758	762	rBV	4719254	5060389	89.57%	9.166%
5	6.692	778	783	786	rBV	5483325	5054945	89.47%	9.157%
6	6.922	819	822	826	rVB	1788437	1604065	28.39%	2.906%
7	7.081	845	849	853	rBV	4475473	3896770	68.97%	7.059%
8	7.486	913	918	921	rBV	3324096	3109862	55.05%	5.633%
9	8.210	1037	1041	1045	rBV	2560674	2116934	37.47%	3.835%
10	9.286	1220	1224	1228	rBV	5835261	5649592	100.00%	10.234%
11	9.404	1239	1244	1255	rVB	379115	355435	6.29%	0.644%
12	9.680	1287	1291	1294	rBV	795847	616748	10.92%	1.117%
13	9.974	1337	1341	1344	rBV	2936428	2472892	43.77%	4.479%
14	10.551	1436	1439	1447	rBV	58596	69487	1.23%	0.126%
15	10.763	1470	1475	1478	rBV	4307993	3851291	68.17%	6.976%
16	11.463	1590	1594	1598	rBV	2923276	2544051	45.03%	4.608%
17	11.527	1601	1605	1608	rVB2	74645	80080	1.42%	0.145%
18	11.692	1628	1633	1640	rBV5	34847	78656	1.39%	0.142%
19	11.986	1679	1683	1688	rBV	622090	542394	9.60%	0.982%
20	12.510	1769	1772	1778	rBV	411103	539380	9.55%	0.977%
21	12.710	1803	1806	1810	rVB	114898	98332	1.74%	0.178%
22	12.774	1814	1817	1822	rBV	156093	172948	3.06%	0.313%
23	13.057	1860	1865	1868	rBV	5928760	5285278	93.55%	9.574%
24	13.957	2014	2018	2026	rBV2	374866	704285	12.47%	1.276%
25	14.110	2041	2044	2048	rVB	1913596	1832008	32.43%	3.319%
26	14.586	2122	2125	2128	rBV2	93535	133444	2.36%	0.242%
27	14.986	2190	2193	2196	rBV	172021	175166	3.10%	0.317%
28	15.621	2296	2301	2305	rBV	1401369	1824620	32.30%	3.305%
29	15.662	2305	2308	2314	rVB4	92207	172312	3.05%	0.312%

Sum of corrected areas: 55205877

LSC Report - Integrated Chromatogram

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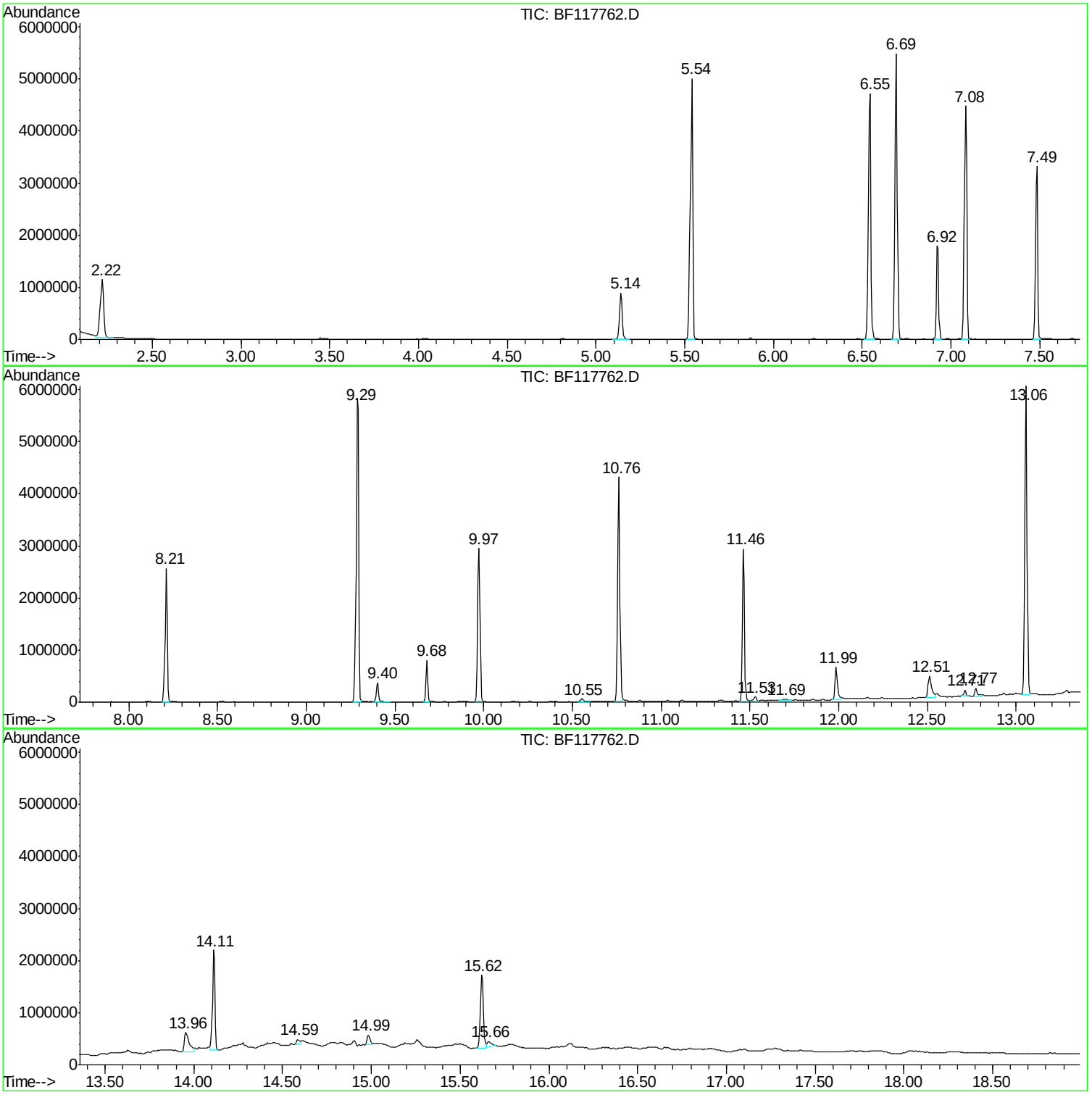
Operator : JU
Sample : K5789-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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 : BF117762.D
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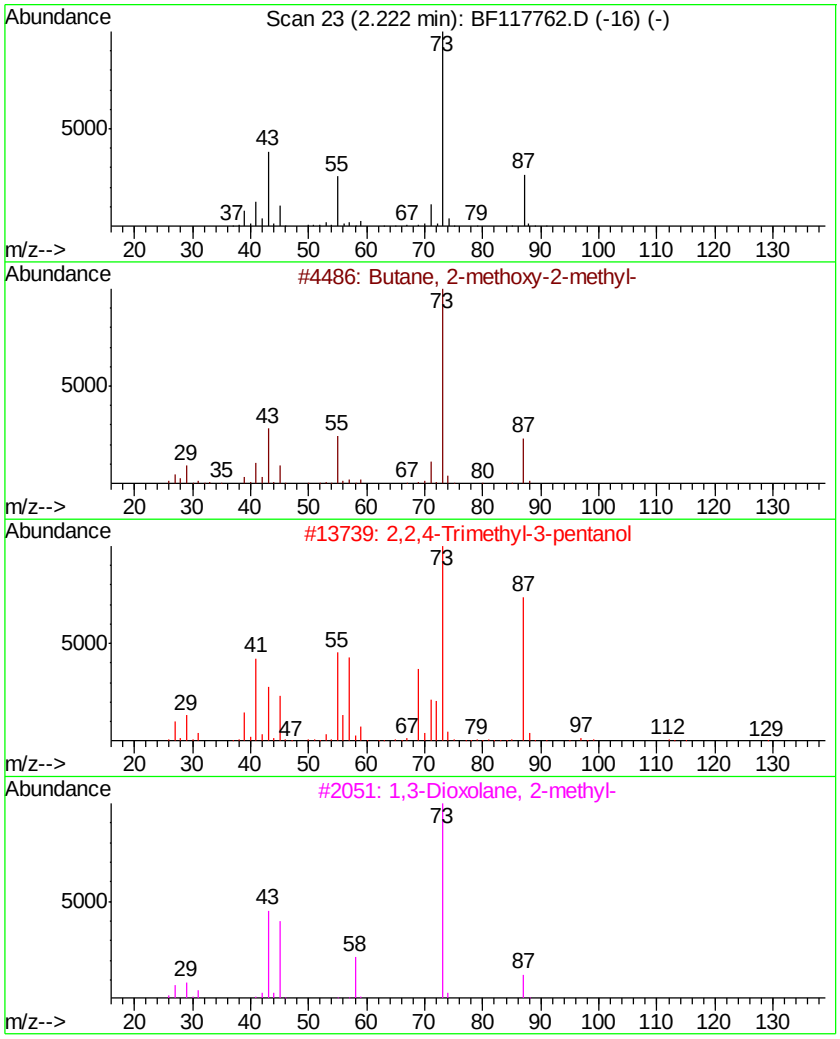
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

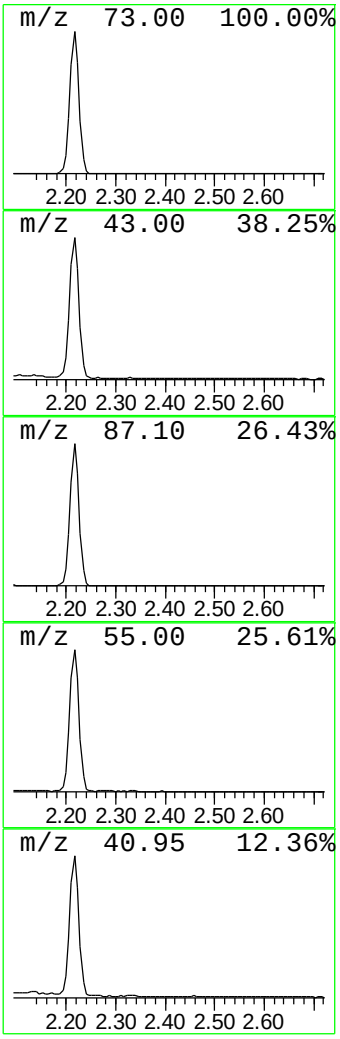
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	18.63 ng	1494150	1,4-Dichlorobenzene-d4	6.93

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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Data File : BF117762.D
Acq On : 12 Nov 2019 16:29
Operator : JU
Sample : K5789-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

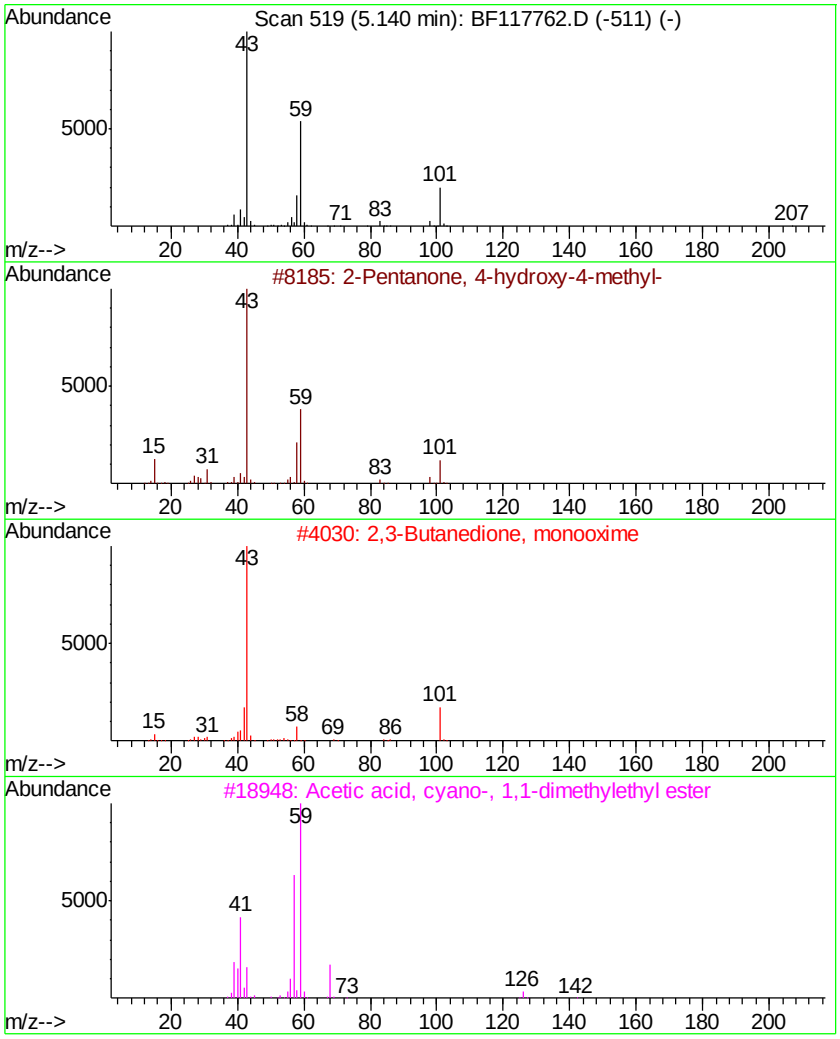
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

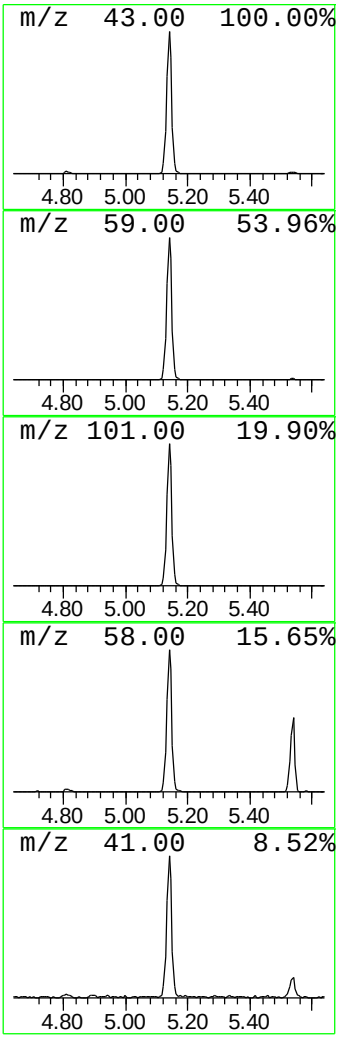
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	13.07 ng	1048020	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117762.D
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Operator : JU
Sample : K5789-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

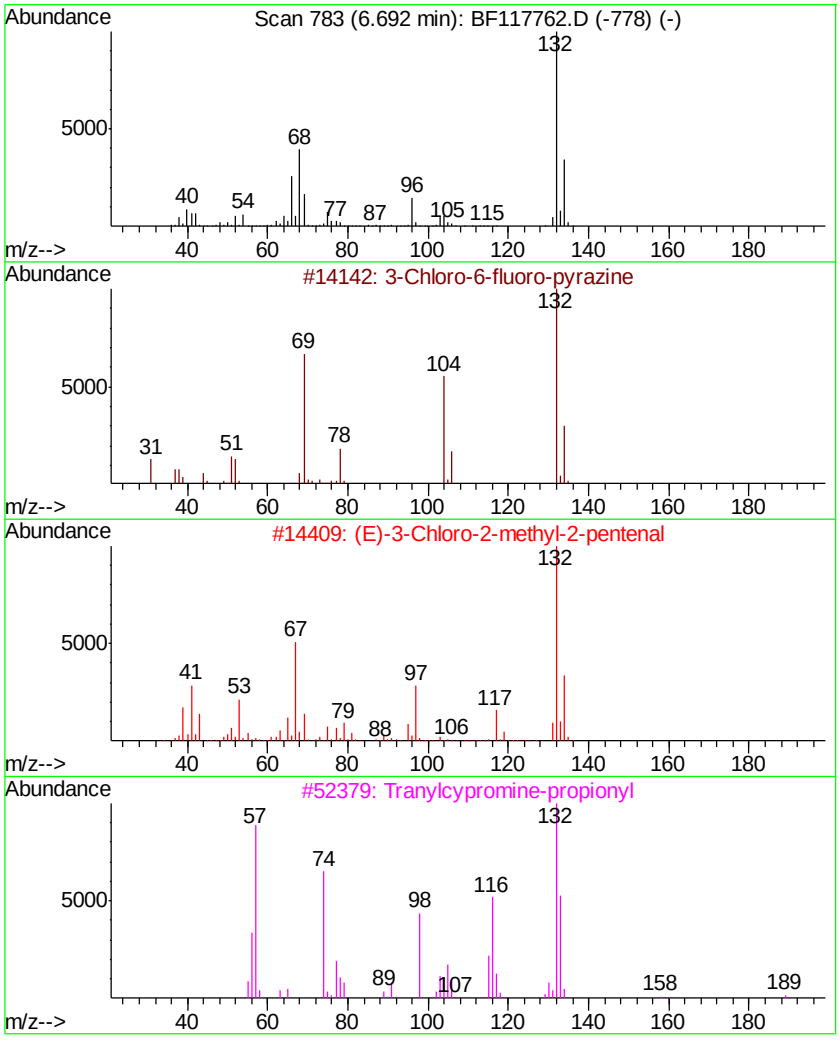
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

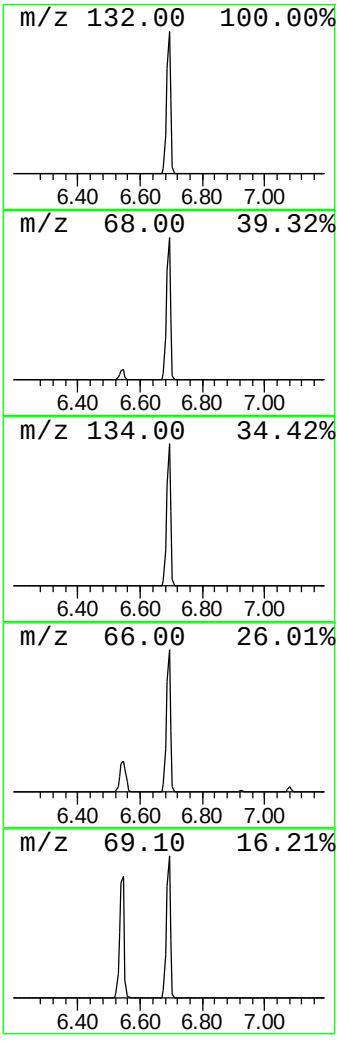
****

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	63.03 ng	5054950	1,4-Dichlorobenzene-d4	6.93

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Operator : JU
Sample : K5789-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

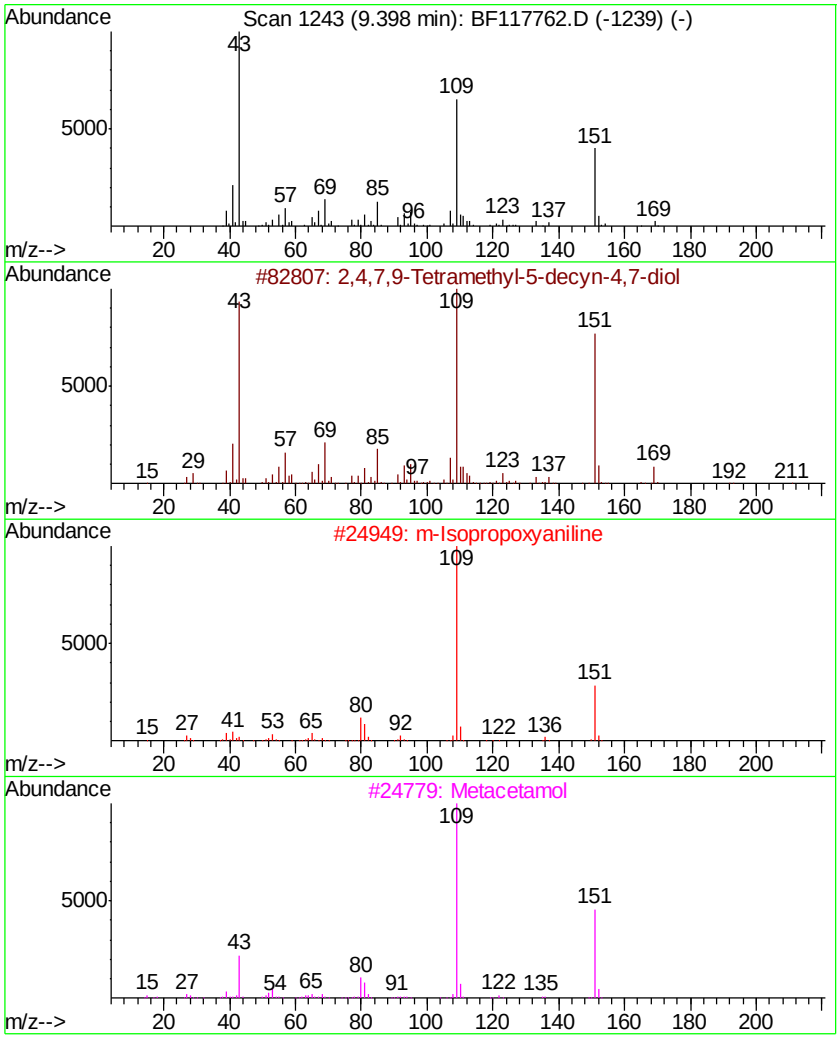
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

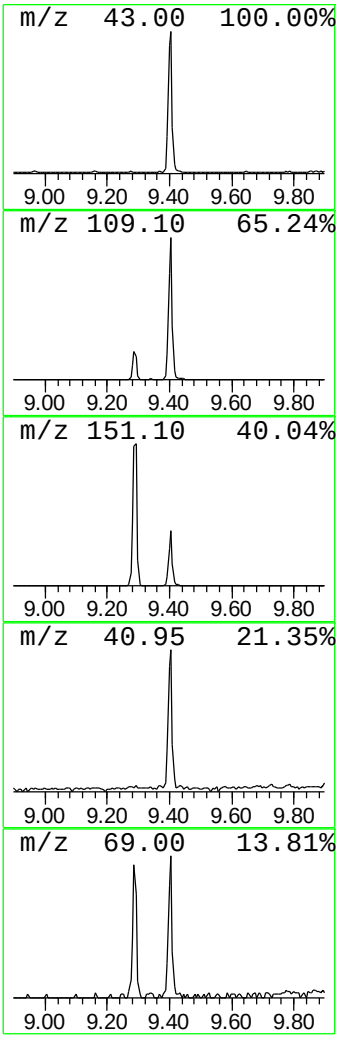
****

Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.87 ng	355435	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
3	Metacetamol	151	C8H9NO2	000621-42-1	59
4	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	43
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43





Library Search Compound Report

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ClientSampleId : TP-17-S

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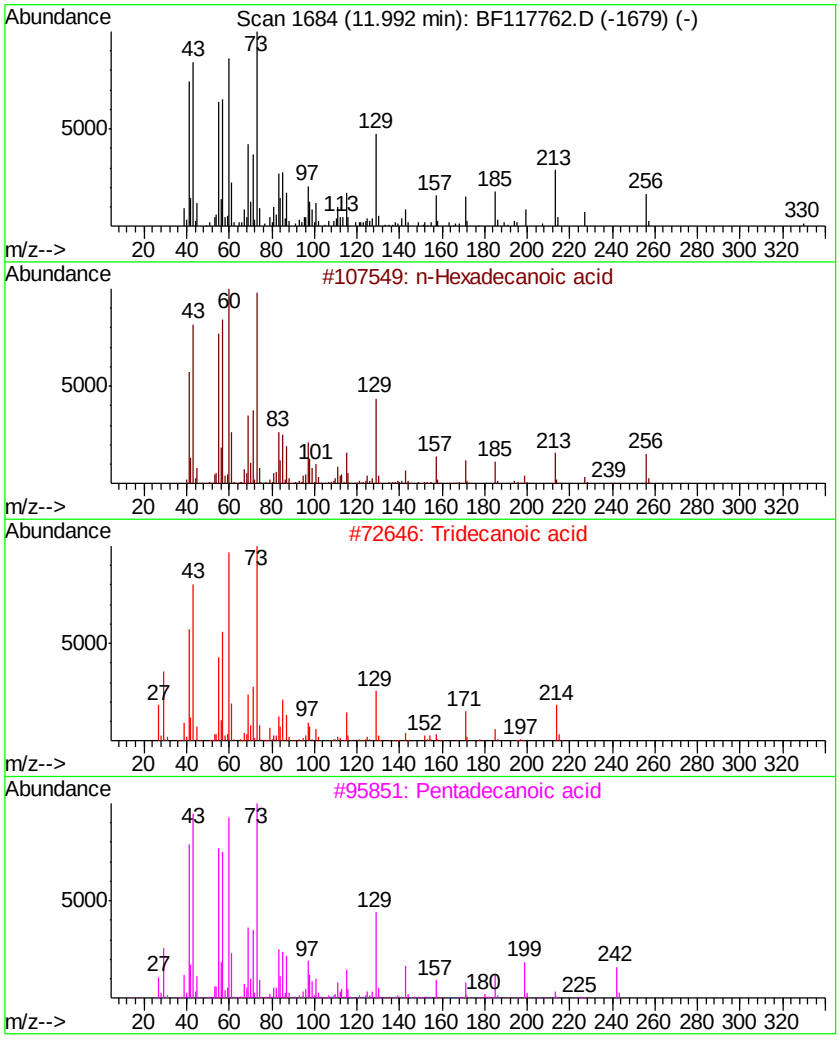
TIC Integration Parameters: LSCINT.P

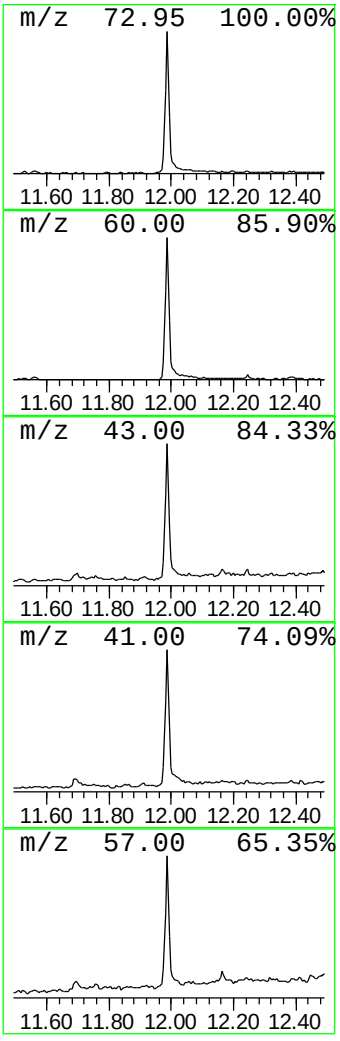
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.26 ng	542394	Phenanthrene-d10	11.46

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-17-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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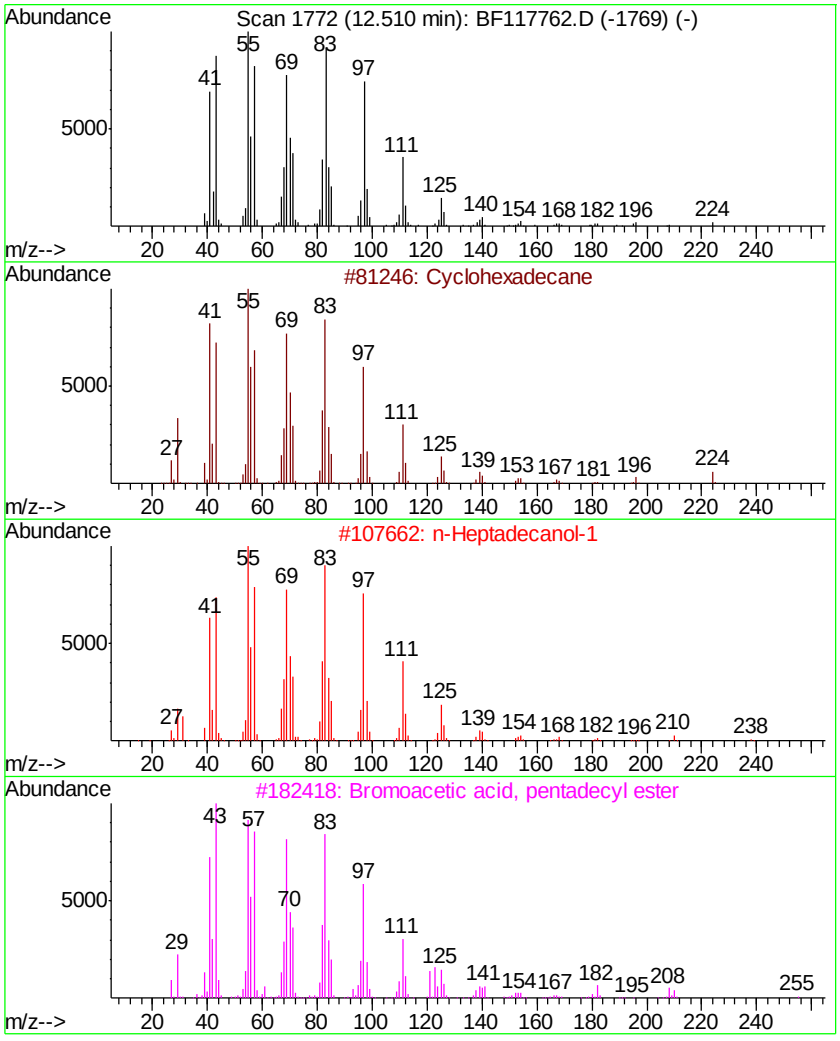
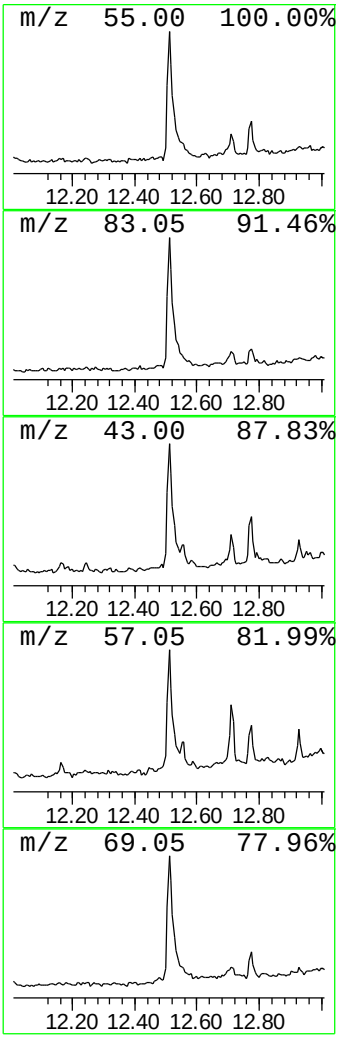
****

Peak Number 7 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	4.24 ng	539380	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
4	1-Hexadecanol	242	C16H34O	036653-82-4	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

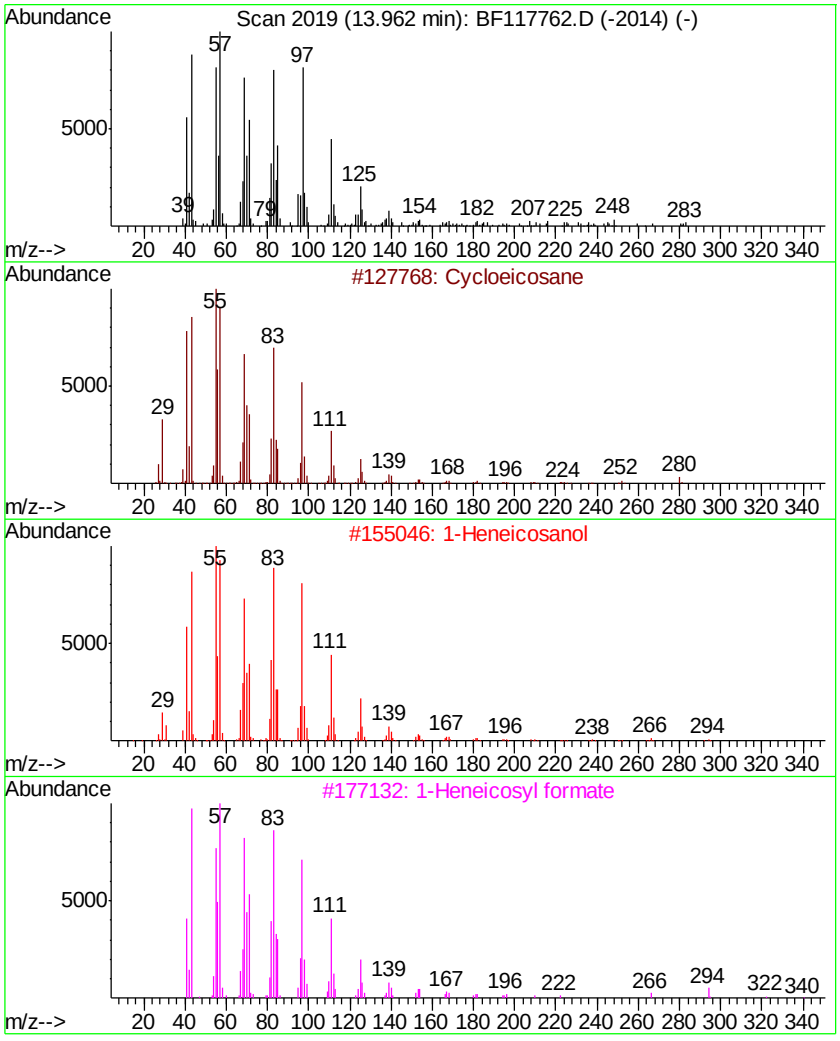
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

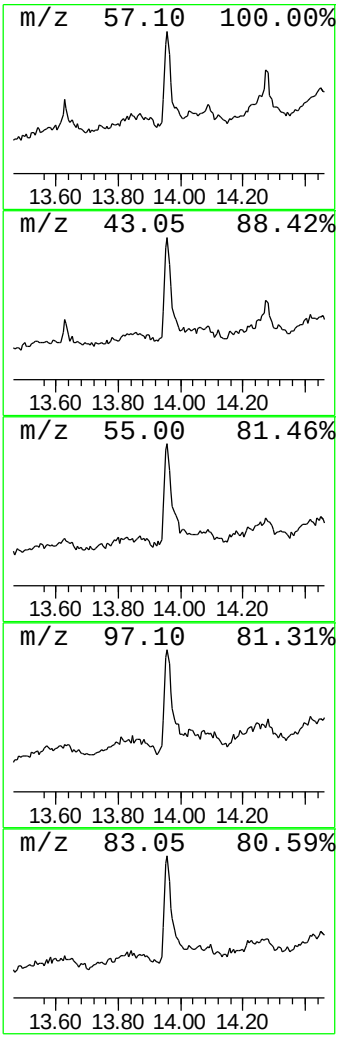
****

Peak Number 8 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	7.69 ng	704285	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.22	18.6	ng	1494150	1	6.93	1604070	20.0
2-Pentanone, 4-hy...	5.14	13.1	ng	1048020	1	6.93	1604070	20.0
unknown6.69	6.69	63.0	ng	5054950	1	6.93	1604070	20.0
2,4,7,9-Tetrameth...	9.40	2.9	ng	355435	3	9.97	2472890	20.0
n-Hexadecanoic acid	11.99	4.3	ng	542394	4	11.46	2544050	20.0
Cyclohexadecane	12.51	4.2	ng	539380	4	11.46	2544050	20.0
Cycloeicosane	13.96	7.7	ng	704285	5	14.11	1832010	20.0