LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119119.D
Acq On : 27 Feb 2020 19:40
Operator : CG/JU
Sample : L1700-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12016

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-BF022020.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	3.387	183	221	224	rBV	347011	3162604	100.00%	12.441%
2	5.375	555	559	582	rBV	2250985	2370810	74.96%	9.326%
3	6.398	729	733	758	rBV	2140819	2311357	73.08%	9.092%
4	6.745	788	792	797	rBV	927910	809205	25.59%	3.183%
5	6.898	814	818	822	rBV	2348123	2103171	66.50%	8.273%
6	7.304	883	887	902	rBV	1543928	1558423	49.28%	6.131%
7	8.022	1006	1009	1028	rBV	1060301	1021154	32.29%	4.017%
8	9.098	1188	1192	1205	rBV	3138518	2788952	88.19%	10.971%
9	9.492	1256	1259	1267	rBV	95254	84716	2.68%	0.333%
10	9.775	1303	1307	1321	rBV	1338393	1168130	36.94%	4.595%
11	10.563	1437	1441	1456	rBV	1813667	1731249	54.74%	6.810%
12	11.257	1556	1559	1563	rBV	1125265	1065972	33.71%	4.193%
13	11.792	1647	1650	1653	rBV	135740	132785	4.20%	0.522%
14	12.475	1761	1766	1770	rBV	63540	64364	2.04%	0.253%
15	12.698	1800	1804	1808	rBV	59647	64513	2.04%	0.254%
16	12.839	1824	1828	1832	rBV	2668247	2388317	75.52%	9.395%
17	13.739	1977	1981	1997	rBV2	168265	252949	8.00%	0.995%
18	13.898	2001	2008	2018	rVV	846072	909934	28.77%	3.580%
19	14.363	2084	2087	2093	rBV3	43369	59835	1.89%	0.235%
20	14.663	2134	2138	2141	rBV	43823	44177	1.40%	0.174%
21	14.921	2178	2182	2185	rBV	30284	49952	1.58%	0.197%
22	14.980	2188	2192	2195	rVV	56348	60445	1.91%	0.238%
23	15.268	2237	2241	2245	rVB	31271	36026	1.14%	0.142%
24	15.321	2245	2250	2263	rBV	783999	1028090	32.51%	4.044%
25	15.745	2318	2322	2327	rBV3	47453	67388	2.13%	0.265%
26	15.804	2328	2332	2340	rVV8	22396	48736	1.54%	0.192%
27	16.215	2398	2402	2406	rBV3	21901	37393	1.18%	0.147%

Sum of corrected areas: 25420647

LSC Report - Integrated Chromatogram

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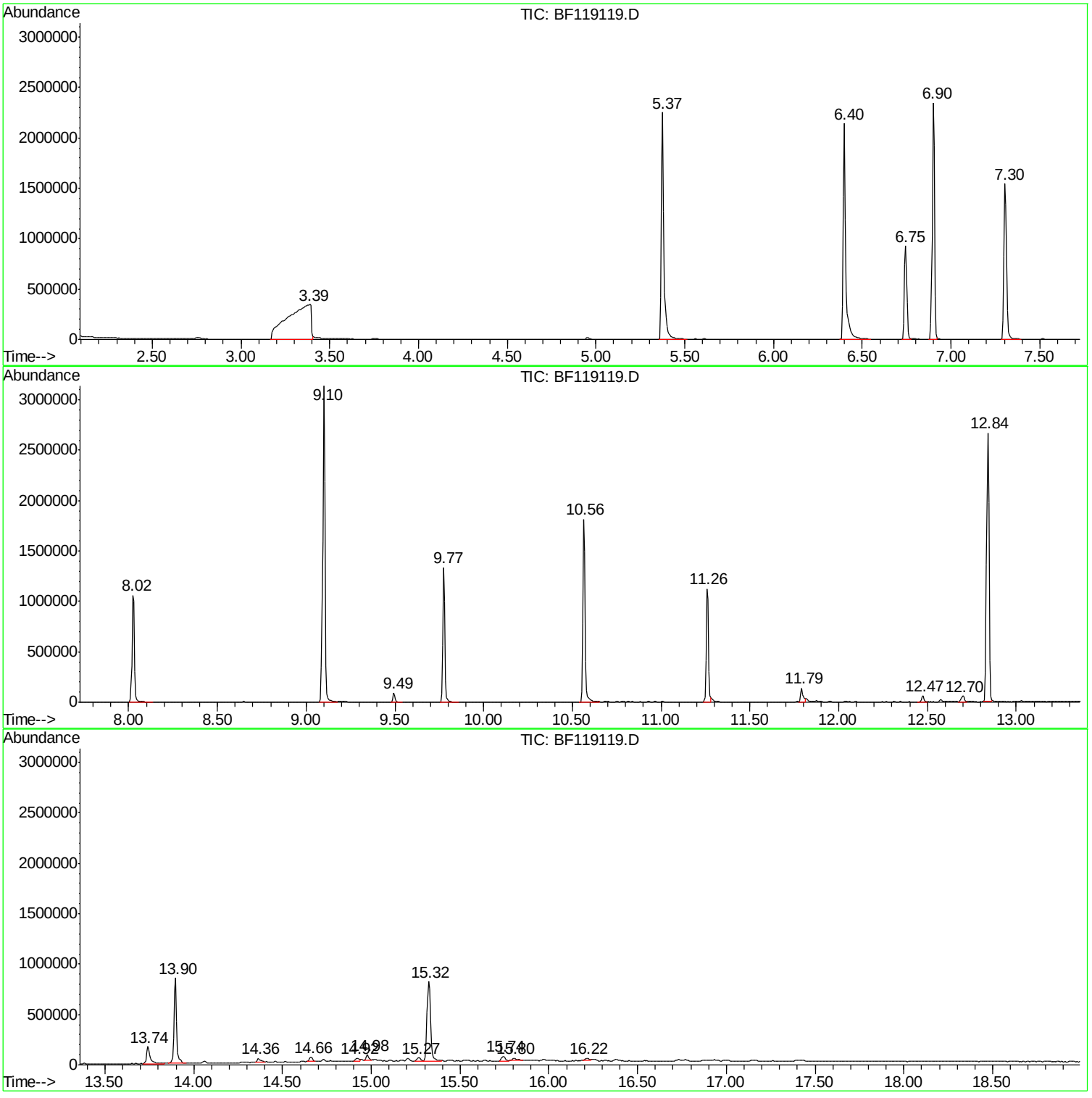
Instrument : BNA_F
ClientSampleId : 72-12016

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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TIC Integration Parameters: LSCINT.P

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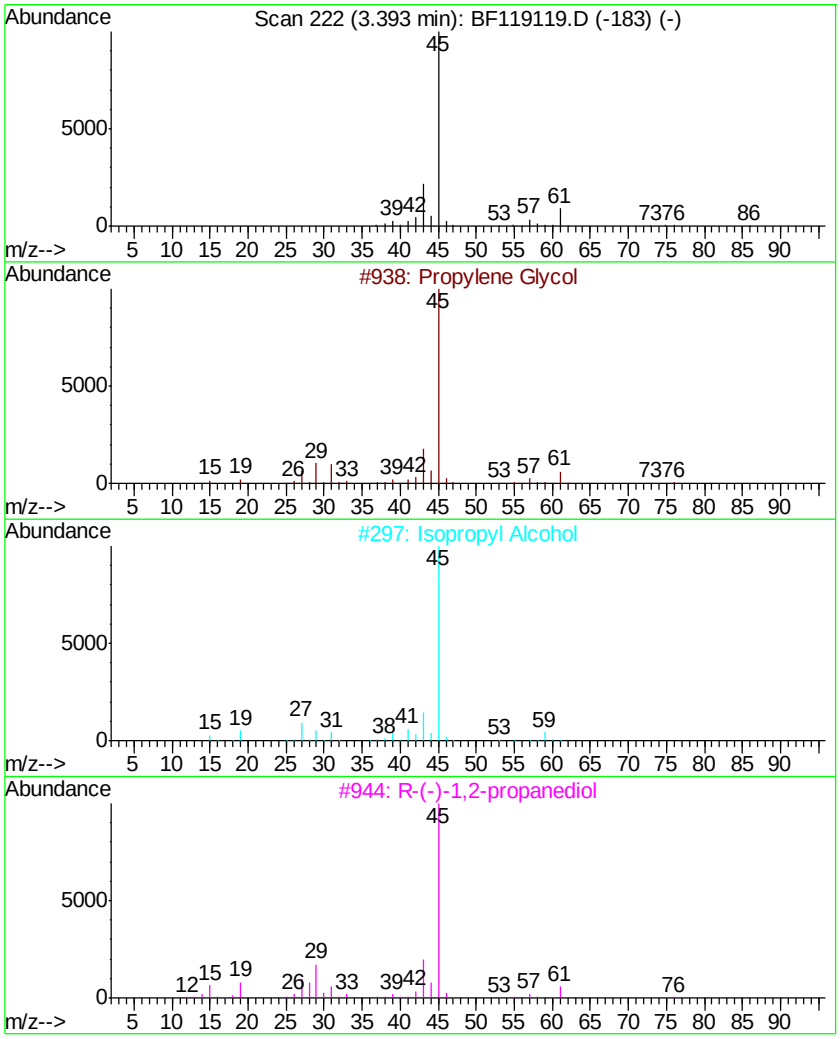
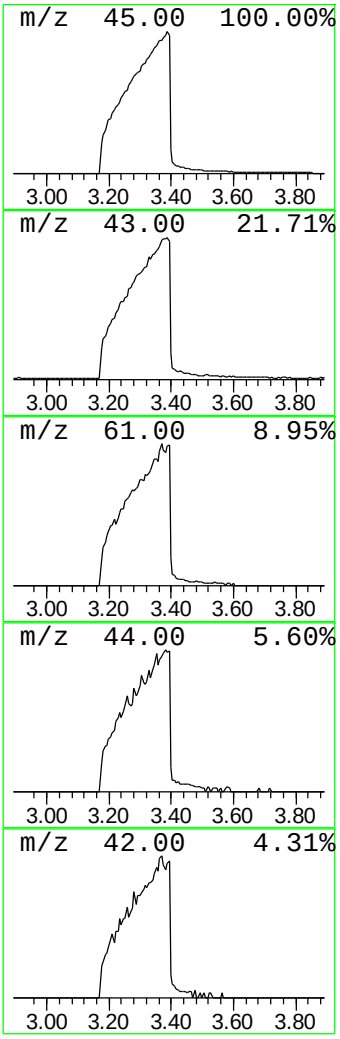
Peak Number 1 Propylene Glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	78.17 ng	3162600	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12016

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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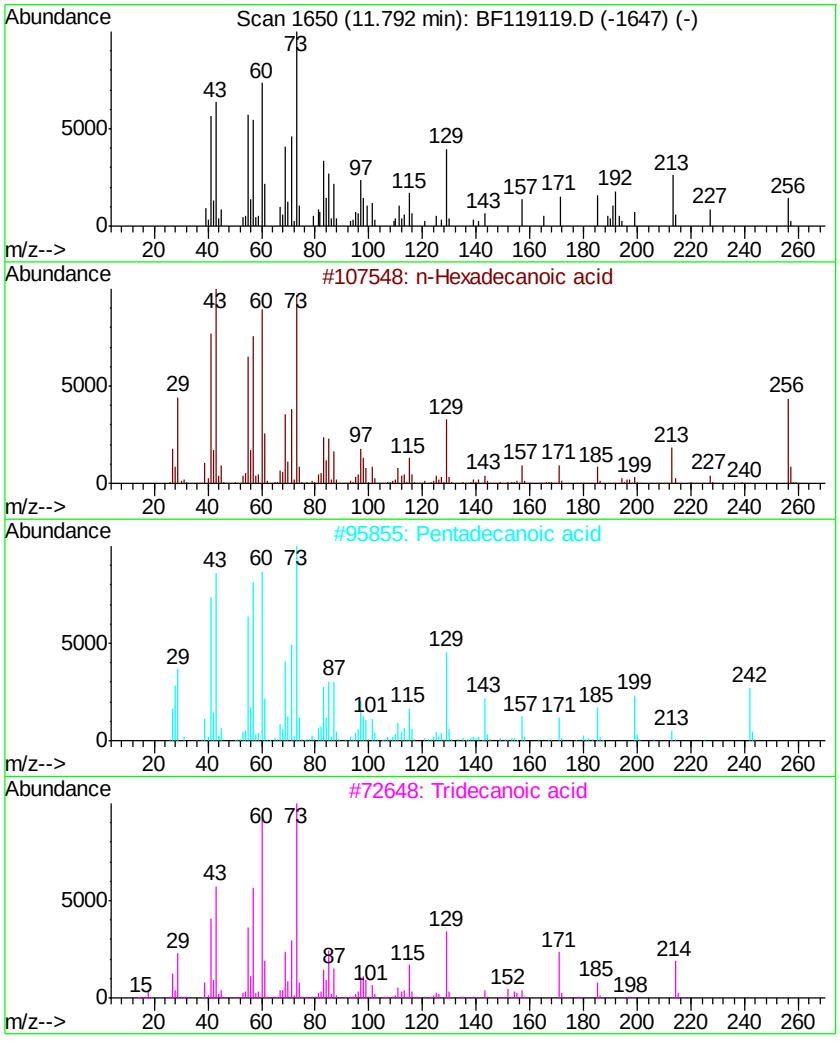
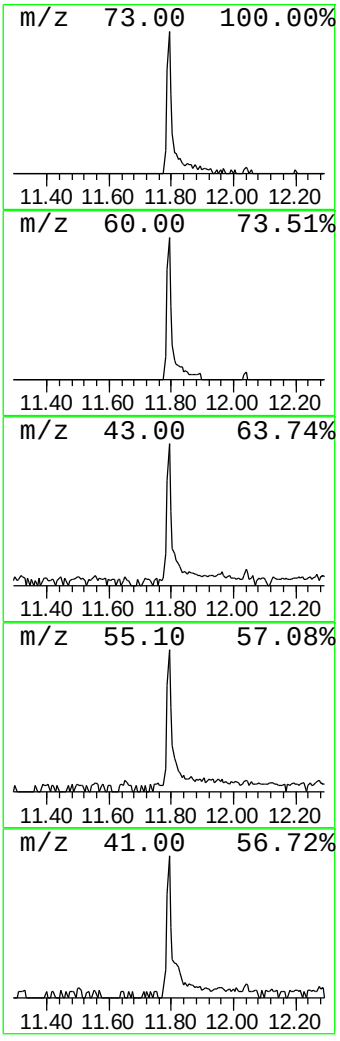
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.49 ng	132785	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 72-12016

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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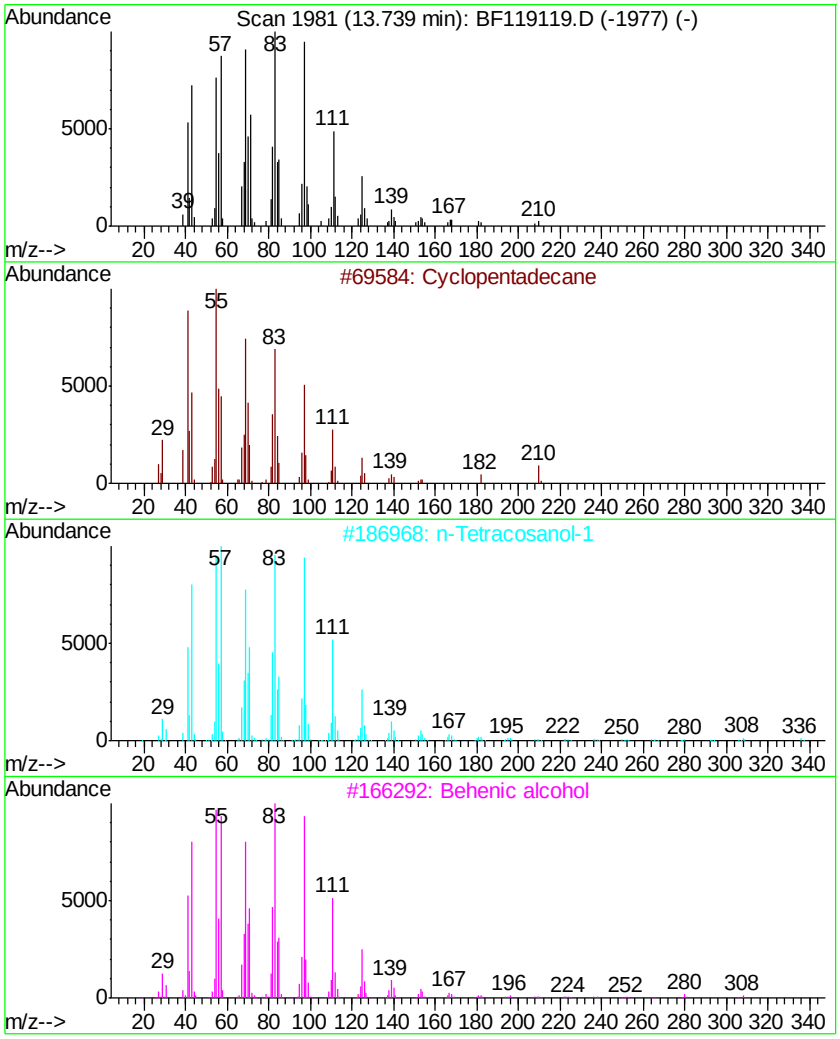
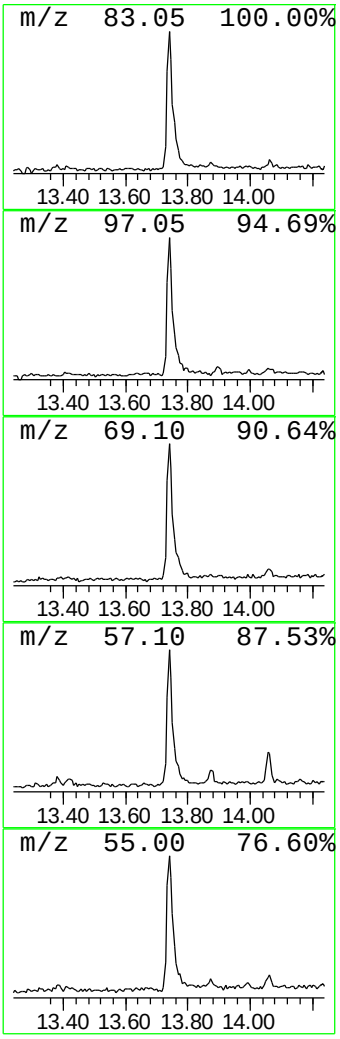
Peak Number 4 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	5.56 ng	252949	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





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
Propylene Glycol	3.39	78.2	ng	3162600	1	6.75	809205	20.0
n-Hexadecanoic acid	11.79	2.5	ng	132785	4	11.26	1065970	20.0
Cyclopentadecane	13.74	5.6	ng	252949	5	13.90	909934	20.0