LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002789.D
Acq On : 17 Jul 2020 13:29
Operator : CG/JU
Sample : L3308-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18

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_P\METHODS\8270-BP071020.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	4.717	306	311	321	rVB2	41152	67016	1.17%	0.174%
2	5.187	384	391	409	rBV	2233691	3418542	59.44%	8.883%
3	6.764	651	659	674	rBV	2215408	3682451	64.03%	9.568%
4	7.558	786	794	804	rBV	737763	1154098	20.07%	2.999%
5	8.705	981	989	1007	rBV	1405271	2388982	41.54%	6.207%
6	10.328	1256	1265	1282	rBV	969108	1668607	29.01%	4.336%
7	12.822	1682	1689	1709	rBV	2996878	4756768	82.71%	12.360%
8	13.669	1828	1833	1842	rBV	455867	684415	11.90%	1.778%
9	14.210	1917	1925	1934	rBV	1410645	2193150	38.13%	5.699%
10	15.716	2174	2181	2192	rBV	2169560	3397003	59.06%	8.827%
11	16.969	2388	2394	2405	rBV	1709149	2452919	42.65%	6.374%
12	17.898	2549	2552	2557	rBV2	42729	59556	1.04%	0.155%
13	18.469	2645	2649	2654	rVB	73049	91434	1.59%	0.238%
14	18.634	2672	2677	2681	rBV	334298	403544	7.02%	1.049%
15	19.028	2740	2744	2747	rVV	121962	141444	2.46%	0.368%
16	19.063	2747	2750	2756	rVB2	47652	62966	1.09%	0.164%
17	19.563	2829	2835	2845	rVB	4252447	5751343	100.00%	14.944%
18	20.192	2939	2942	2946	rVB2	138195	162900	2.83%	0.423%
19	20.445	2982	2985	2992	rBV2	46702	66374	1.15%	0.172%
20	20.816	3043	3048	3059	rBV	881738	1306896	22.72%	3.396%
21	21.080	3088	3093	3098	rBV	1618988	2079373	36.15%	5.403%
22	21.692	3191	3197	3206	rBV2	245729	492320	8.56%	1.279%
23	22.627	3353	3356	3361	rVB	217567	277111	4.82%	0.720%
24	23.274	3459	3466	3474	rVB2	946005	1726390	30.02%	4.486%

Sum of corrected areas: 38485602

LSC Report - Integrated Chromatogram

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Misc :
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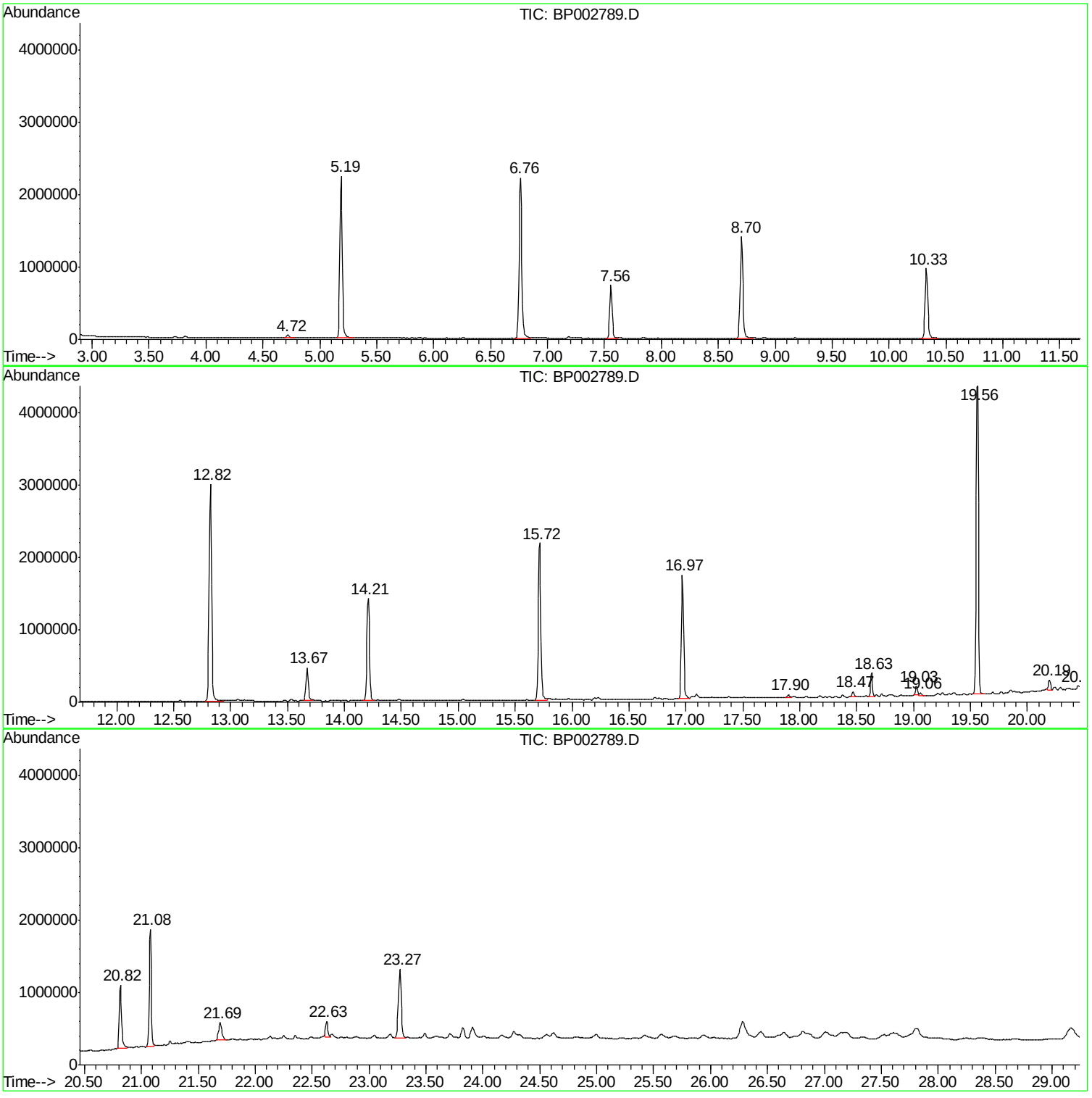
Instrument : BNA_P
ClientSampleId : 18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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Instrument : BNA_P
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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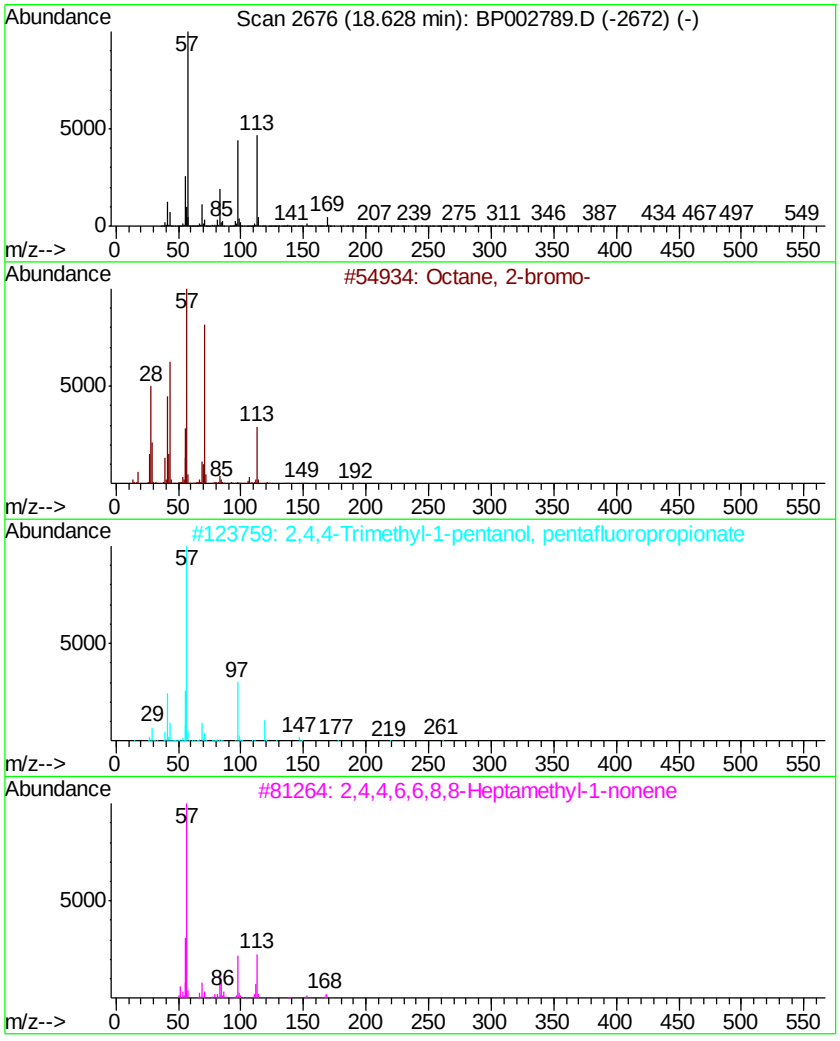
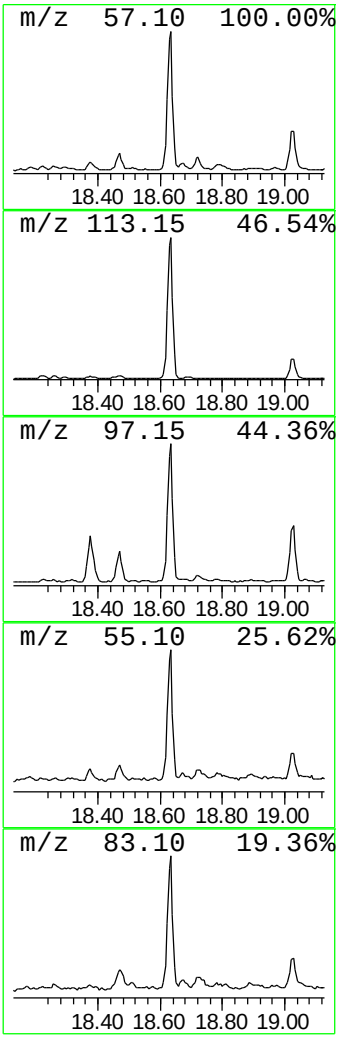
Peak Number 1 unknown18.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	3.29 ng	403544	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	43
2	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
3	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	32
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	28
5	5-Nonanone, 2,2,8,8-tetramethyl-	198	C13H26O	005709-95-5	27





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ClientSampleId : 18

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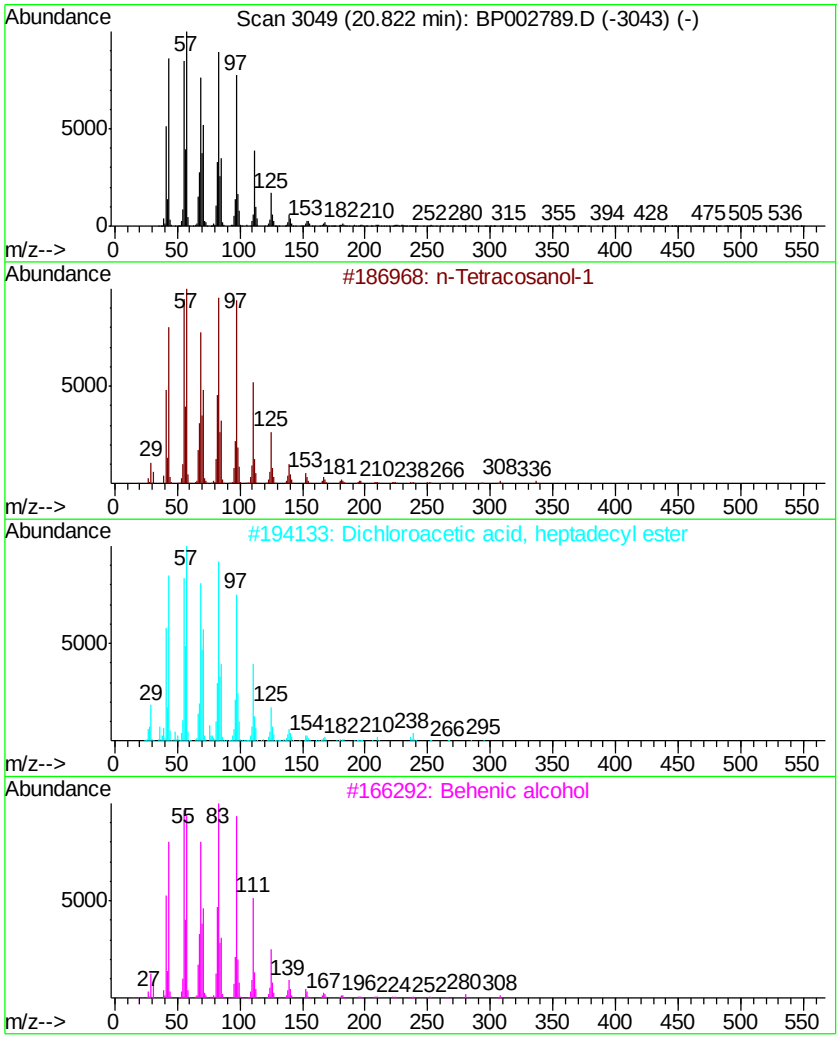
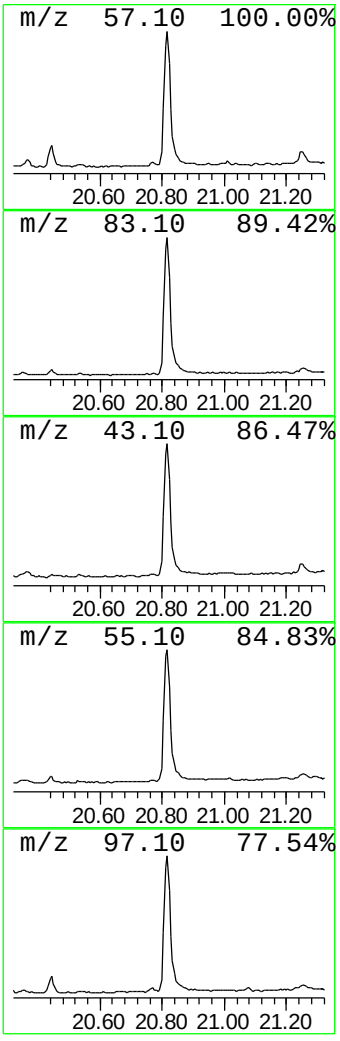
Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	12.57 ng	1306900	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
5	Cyclohexadecane	224	C16H32	000295-65-8	93





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
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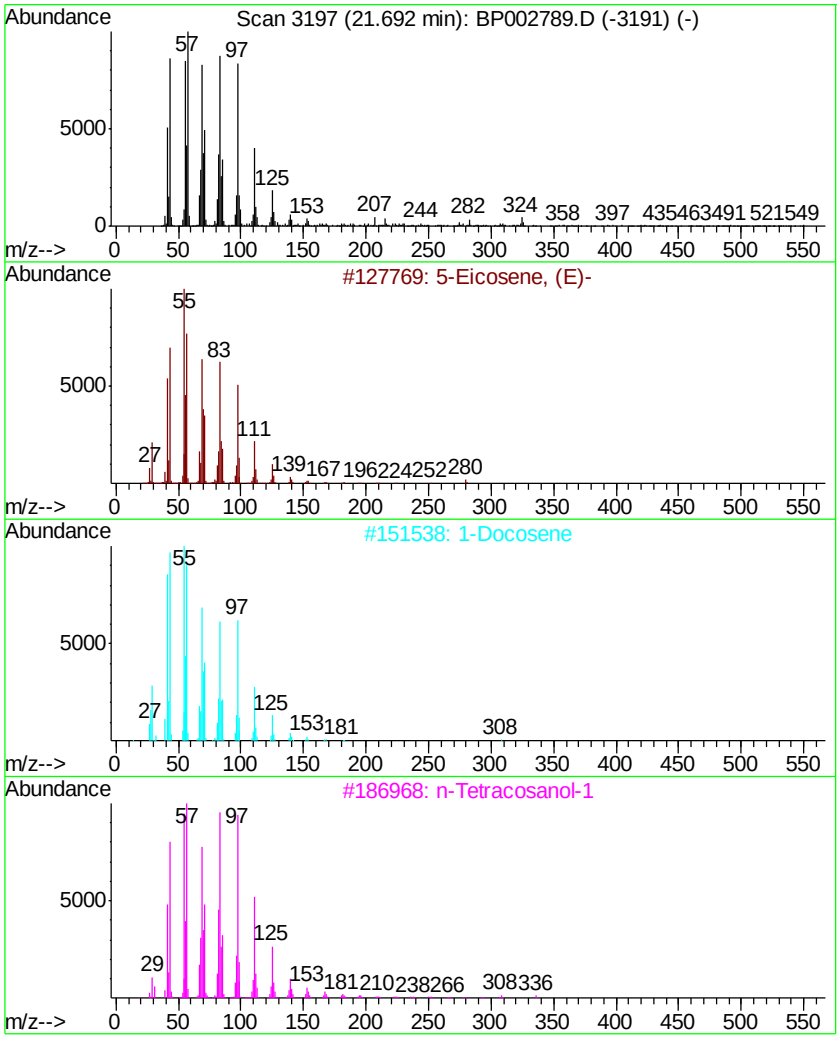
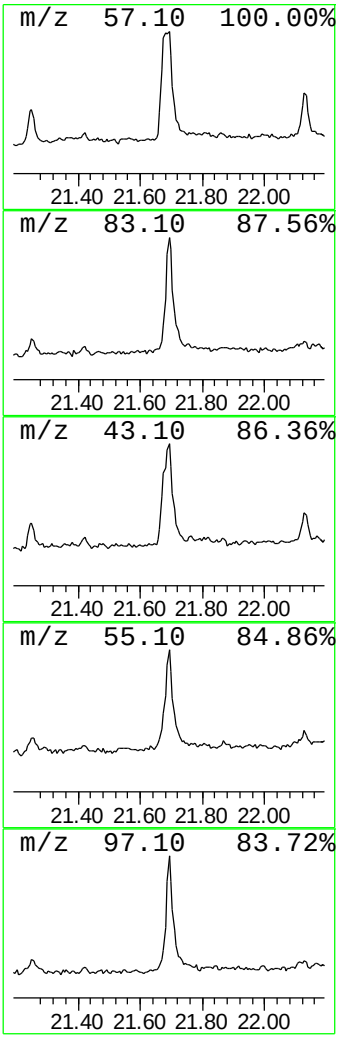
Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	4.74 ng	492320	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Docosene	308	C22H44	001599-67-3	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Library Search Compound Report

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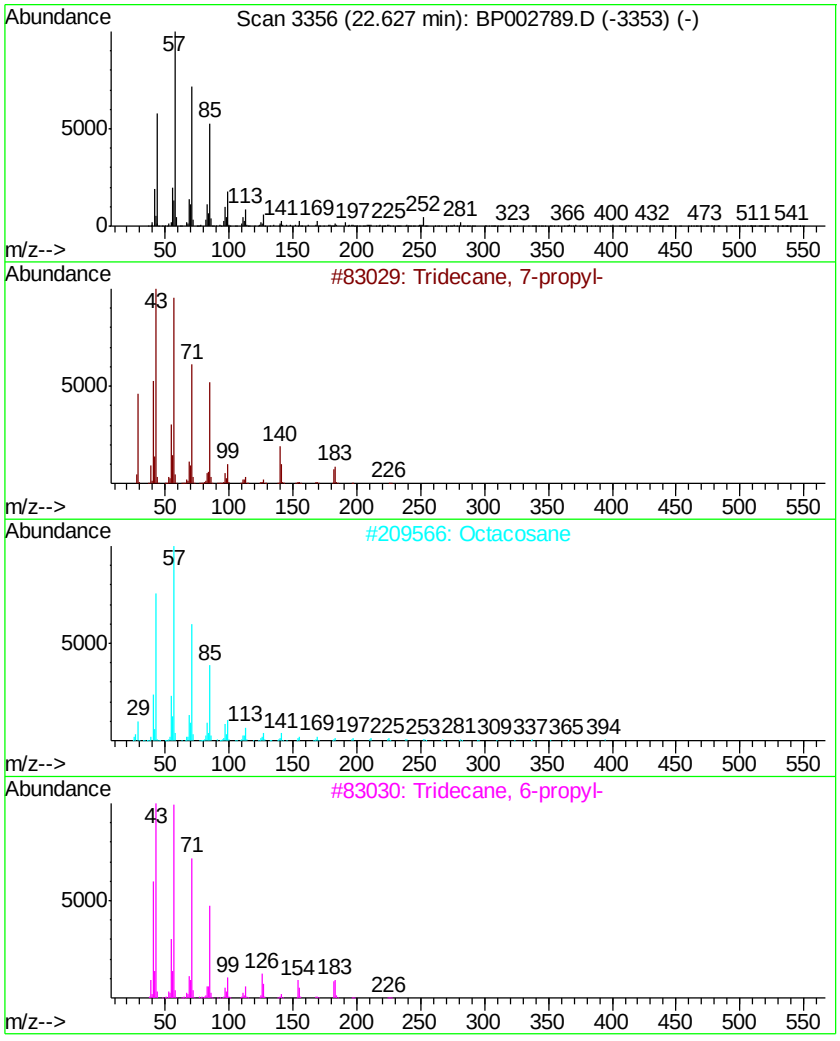
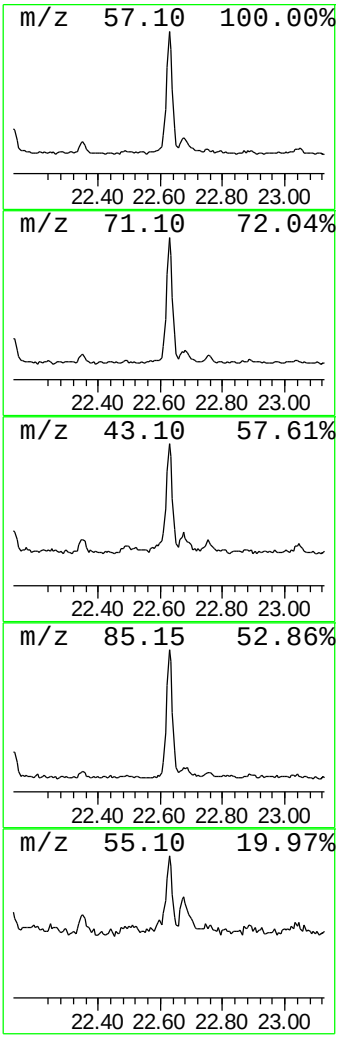
Peak Number 4 Tridecane, 7-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	3.21 ng	277111	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Nonadecane	268	C19H40	000629-92-5	87





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
unknown18.63	18.63	3.3	ng	403544	4	16.97	2452920	20.0
n-Tetracosanol-1	20.82	12.6	ng	1306900	5	21.08	2079370	20.0
5-Eicosene, (E)-	21.69	4.7	ng	492320	5	21.08	2079370	20.0
Tridecane, 7-propyl-	22.63	3.2	ng	277111	6	23.27	1726390	20.0