LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026298.D
Acq On : 08 Jun 2020 21:58
Operator : JU/CG
Sample : L2812-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-060520

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_M\METHODS\8270-BM060520.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	5.081	367	373	386	rBV	2662226	4008509	55.87%	7.759%
2	6.657	633	641	653	rBV	3070273	4650012	64.81%	9.001%
3	6.763	653	659	667	rVB	72363	121861	1.70%	0.236%
4	7.081	710	713	724	rBV	82848	167352	2.33%	0.324%
5	7.445	768	775	785	rBV	860629	1310879	18.27%	2.537%
6	7.763	822	829	840	rVB	2461802	3755858	52.35%	7.270%
7	8.592	961	970	982	rBV	1900356	3090559	43.08%	5.982%
8	10.210	1237	1245	1257	rVB	1193892	1900430	26.49%	3.679%
9	12.710	1663	1670	1676	rBV	4851667	6960837	97.02%	13.474%
10	12.939	1699	1709	1713	rBV2	56918	108538	1.51%	0.210%
11	13.022	1718	1723	1730	rVB4	37708	77632	1.08%	0.150%
12	13.569	1811	1816	1821	rBV	335807	470228	6.55%	0.910%
13	14.033	1890	1895	1899	rBV	118837	140883	1.96%	0.273%
14	14.098	1899	1906	1913	rBV	1746420	2445251	34.08%	4.733%
15	14.657	1997	2001	2007	rVB3	48760	76459	1.07%	0.148%
16	14.992	2054	2058	2062	rBV	164003	186608	2.60%	0.361%
17	15.398	2121	2127	2132	rBV	63875	122575	1.71%	0.237%
18	15.604	2156	2162	2171	rVB	3425930	4853733	67.65%	9.395%
19	15.857	2201	2205	2208	rBV	189819	241392	3.36%	0.467%
20	16.651	2336	2340	2345	rBV	167401	225822	3.15%	0.437%
21	16.704	2345	2349	2355	rVB	79607	121215	1.69%	0.235%
22	16.851	2369	2374	2378	rBV	1813355	2401045	33.47%	4.648%
23	16.892	2378	2381	2385	rVB	179775	222425	3.10%	0.431%
24	16.980	2393	2396	2401	rVB	77567	109791	1.53%	0.213%
25	17.386	2461	2465	2470	rBV	161585	177316	2.47%	0.343%
26	17.780	2528	2532	2537	rVB2	82423	120791	1.68%	0.234%
27	18.080	2579	2583	2587	rBV	148856	194124	2.71%	0.376%
28	18.721	2689	2692	2696	rVB	142139	154073	2.15%	0.298%
29	18.915	2722	2725	2731	rBV	214923	259470	3.62%	0.502%
30	19.280	2784	2787	2790	rBV	172524	208430	2.91%	0.403%
31	19.503	2820	2825	2830	rBV	6039625	7174766	100.00%	13.888%
32	19.845	2881	2883	2887	rVB	165365	156280	2.18%	0.303%
33	20.797	3042	3045	3050	rBV2	686495	888242	12.38%	1.719%
34	21.056	3085	3089	3093	rBV	1628065	1939389	27.03%	3.754%

LSC Area Percent Report

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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_M\METHODS\8270-BM060520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.662	3190	3192	3200	rVB2	386764	531587	7.41%	1.029%
36	23.168	3444	3448	3454	rVB	1273203	2086949	29.09%	4.040%

Sum of corrected areas: 51661311

LSC Report - Integrated Chromatogram

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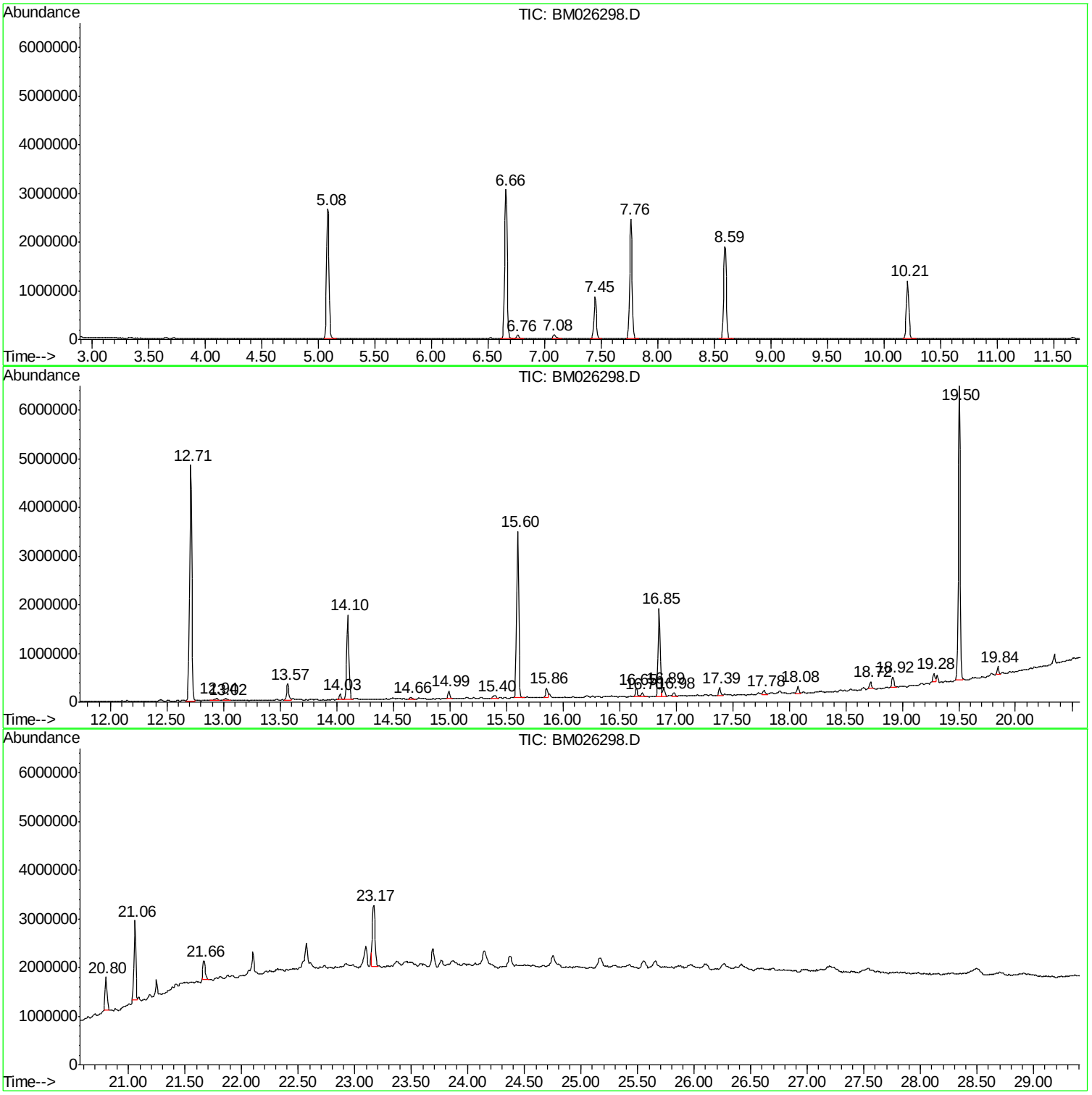
Acq On : 08 Jun 2020 21:58
Operator : JU/CG
Sample : L2812-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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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Operator : JU/CG
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Instrument : BNA_M
ClientSampleId : OK-01-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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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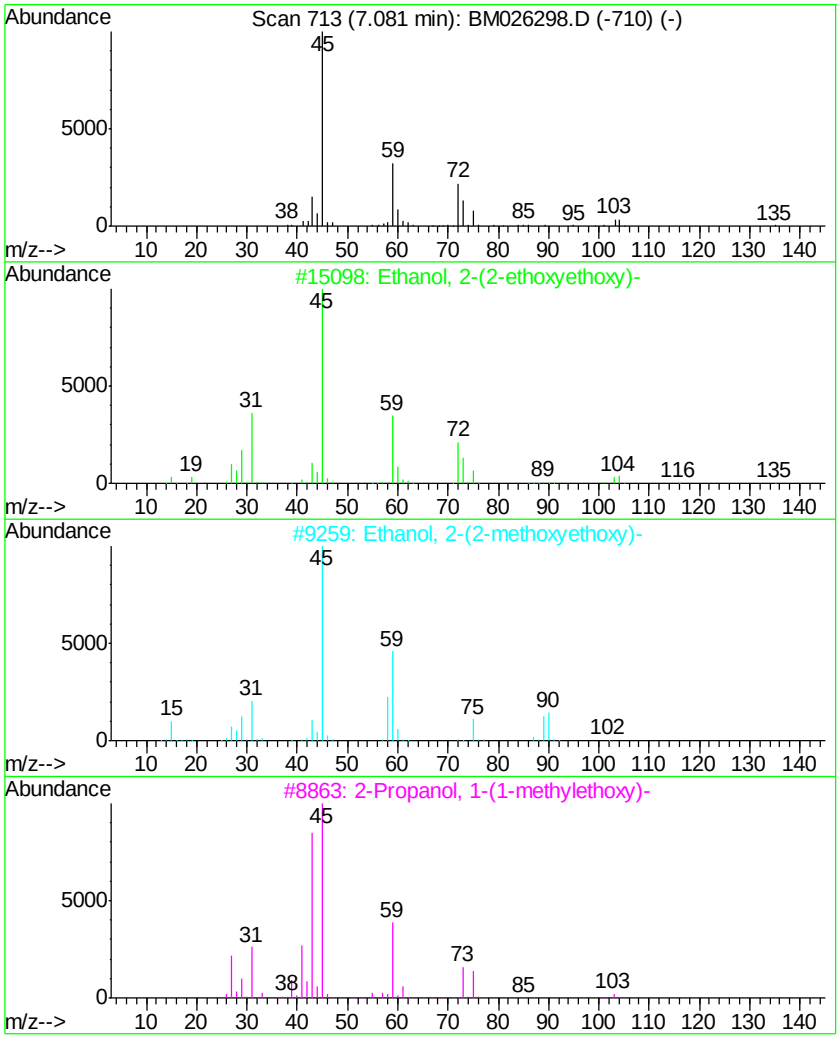
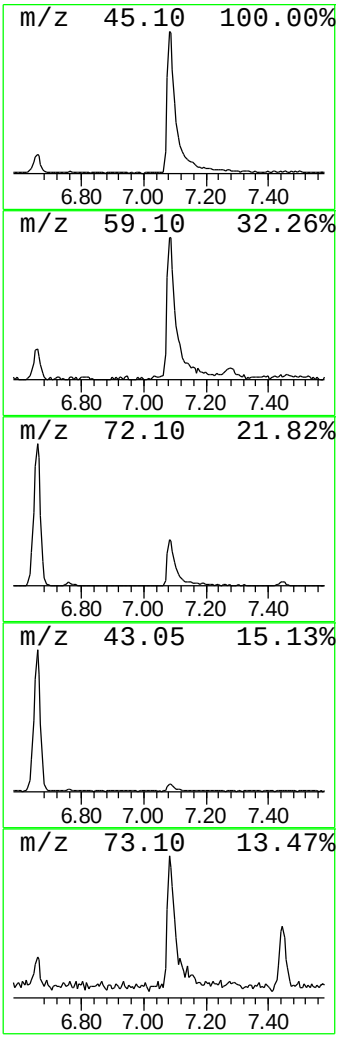
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	2.55 ng	167352	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	40
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	37





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Data File : BM026298.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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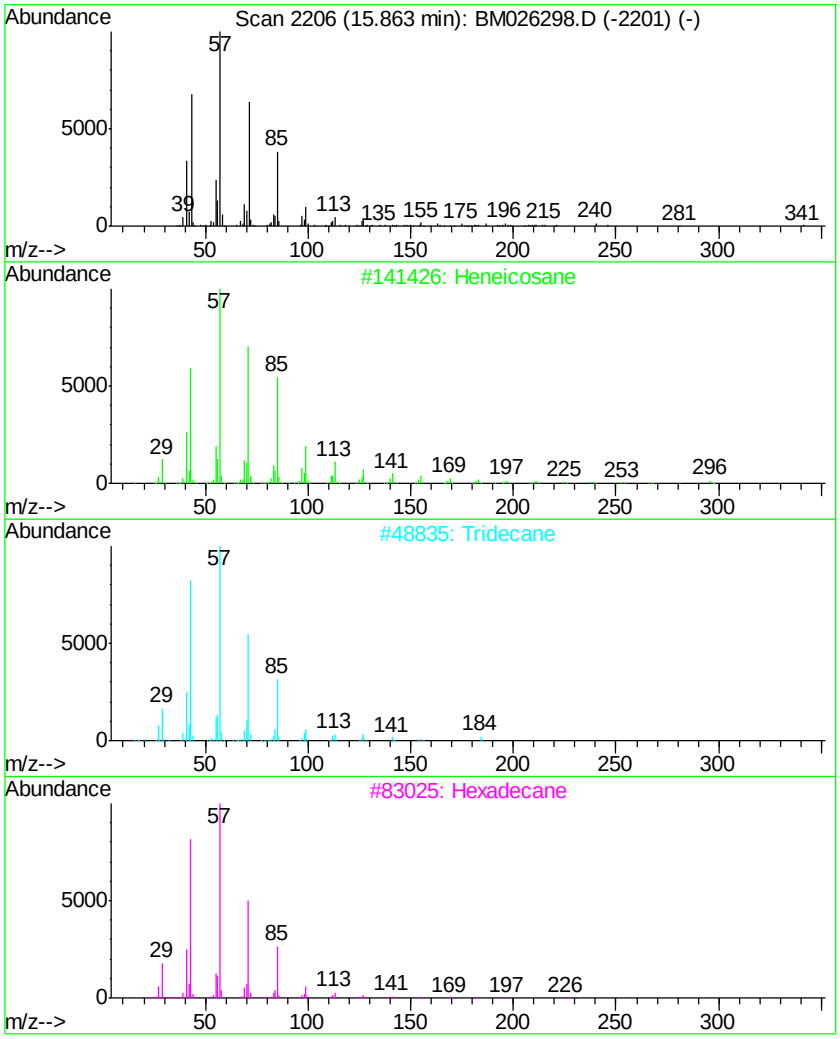
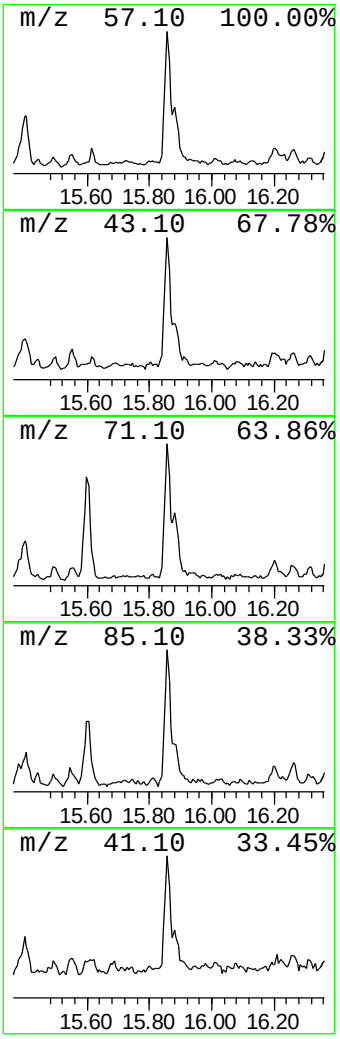
Peak Number 3 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.01 ng	241392	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





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Data File : BM026298.D
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Operator : JU/CG
Sample : L2812-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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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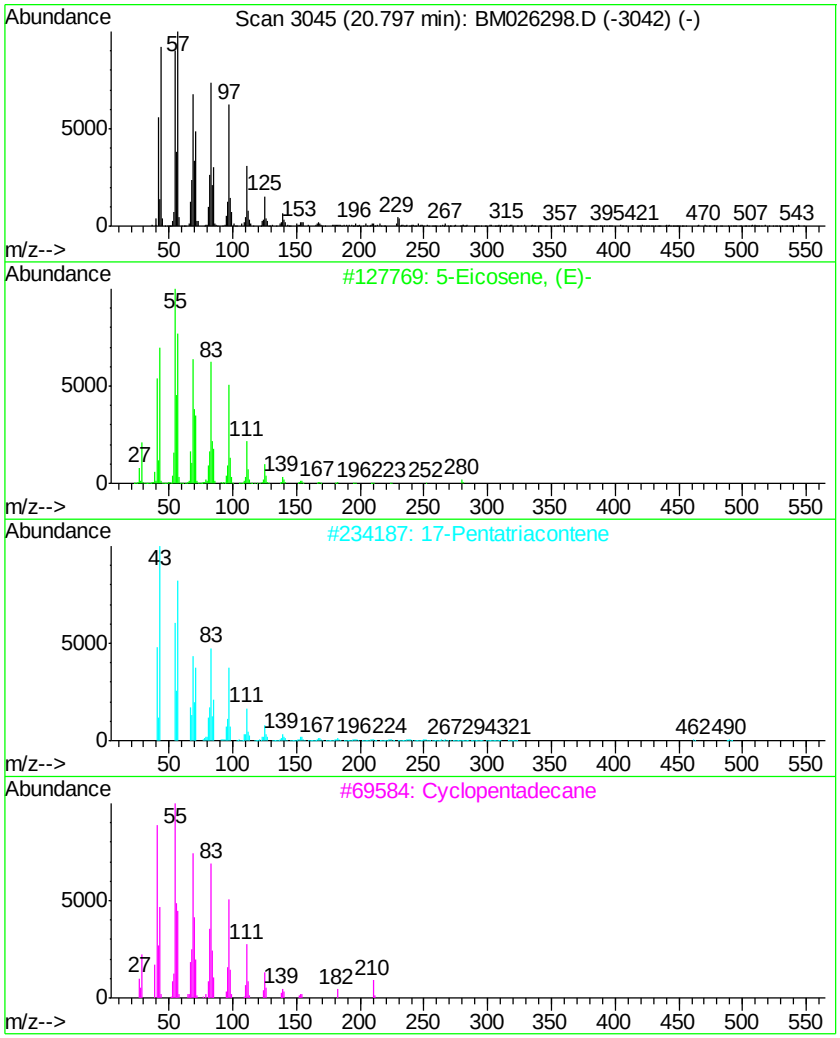
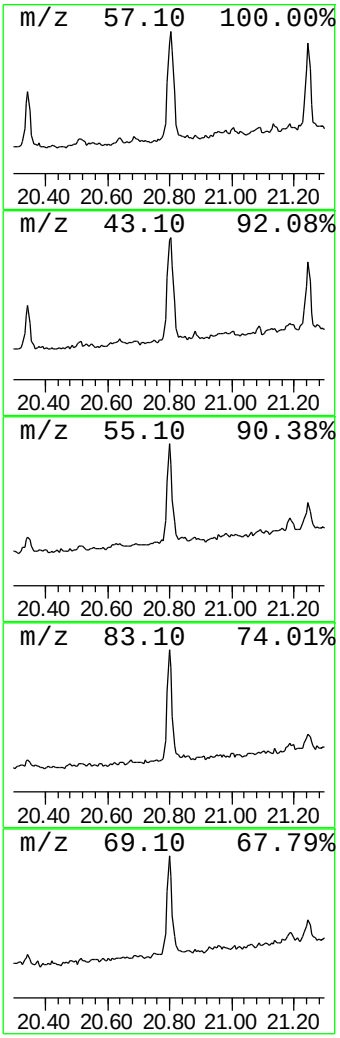
Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	9.16 ng	888242	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	17-Pentatriacontene	491	C35H70	006971-40-0	96
3	Cyclopentadecane	210	C15H30	000295-48-7	95
4	Cyclotetracosane	336	C24H48	000297-03-0	94
5	1-Docosene	308	C22H44	001599-67-3	93





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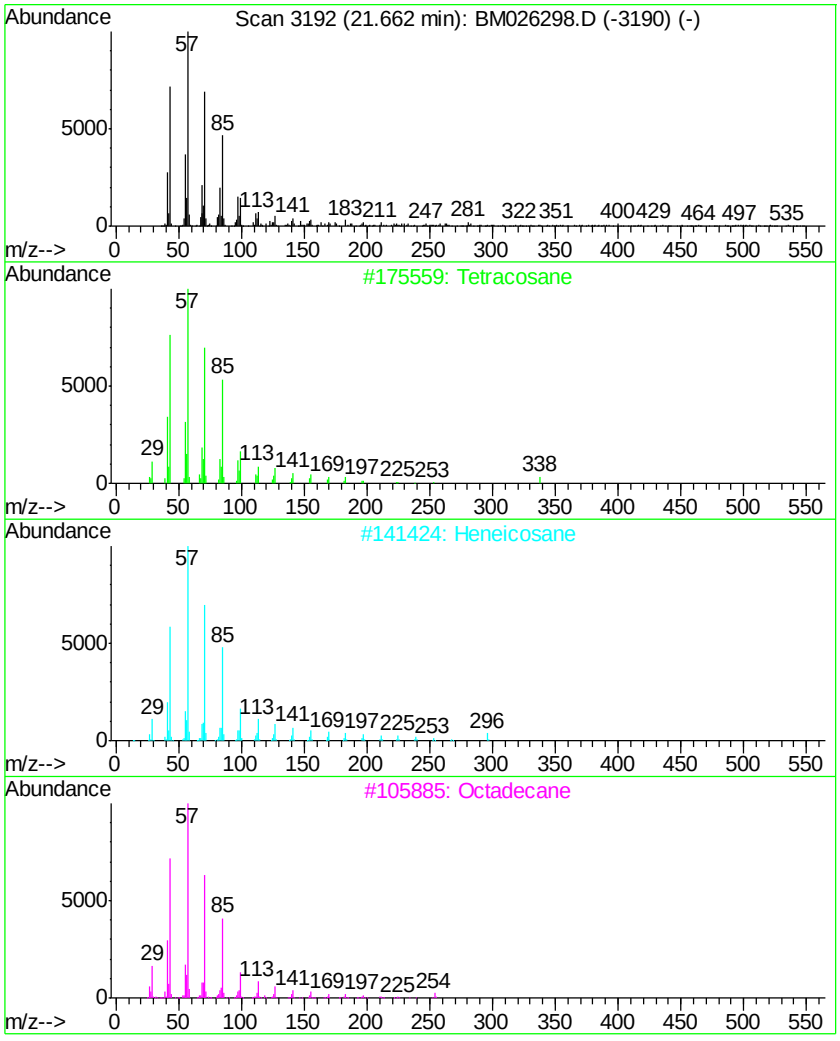
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

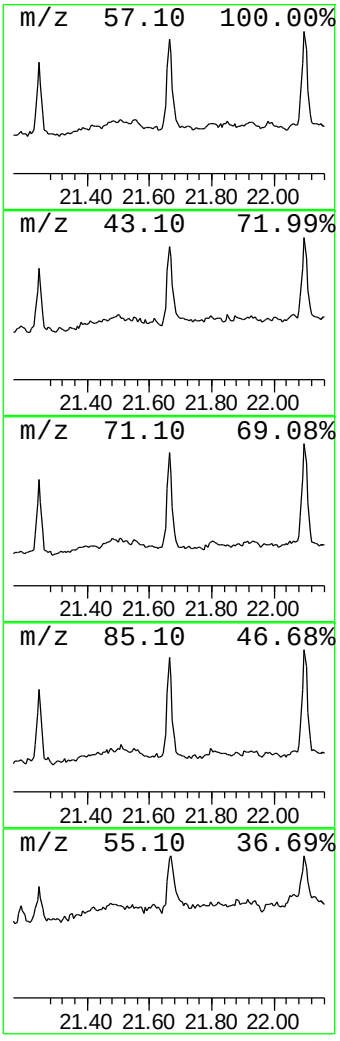
****

Peak Number 5 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	5.48 ng	531587	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane	296	C21H44	000629-94-7	95
3	Octadecane	254	C18H38	000593-45-3	93
4	Heptacosane	380	C27H56	000593-49-7	93
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
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
Ethanol, 2-(2-eth...	7.08	2.5	ng	167352	1	7.45	1310880	20.0
Heneicosane	15.86	2.0	ng	241392	4	16.85	2401050	20.0
5-Eicosene, (E)-	20.80	9.2	ng	888242	5	21.06	1939390	20.0
Tetracosane	21.66	5.5	ng	531587	5	21.06	1939390	20.0