LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002775.D
Acq On : 16 Jul 2020 16:47
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CARLSTADT-SAMPLE-2020

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	4.716	305	311	320	rVB2	35725	58131	1.29%	0.122%
2	5.187	384	391	412	rBV	1459276	2327701	51.55%	4.879%
3	6.763	651	659	675	rBV	1548389	2619446	58.01%	5.491%
4	7.557	787	794	804	rBV	793314	1262679	27.96%	2.647%
5	8.704	977	989	1007	rBV	1037293	1850108	40.97%	3.878%
6	10.328	1258	1265	1282	rBV	1070558	1873530	41.49%	3.927%
7	12.822	1682	1689	1711	rBV	2420702	3748487	83.01%	7.857%
8	13.122	1732	1740	1749	rBV2	29296	58671	1.30%	0.123%
9	13.540	1805	1811	1816	rBV	63928	95642	2.12%	0.200%
10	13.675	1827	1834	1846	rBV	1161430	1670333	36.99%	3.501%
11	13.928	1872	1877	1884	rVB	147166	208279	4.61%	0.437%
12	14.069	1894	1901	1908	rBV2	29973	70506	1.56%	0.148%
13	14.210	1918	1925	1932	rBV	1650805	2448452	54.22%	5.132%
14	14.275	1932	1936	1946	rVB	38003	70893	1.57%	0.149%
15	15.716	2174	2181	2192	rBV	1661003	2571647	56.95%	5.391%
16	16.198	2259	2263	2272	rBV2	61215	113586	2.52%	0.238%
17	16.628	2332	2336	2346	rVB2	22821	50657	1.12%	0.106%
18	16.969	2388	2394	2398	rBV	1888403	2660000	58.91%	5.576%
19	17.010	2398	2401	2405	rVV	419992	569371	12.61%	1.193%
20	17.051	2405	2408	2412	rVV2	107342	156369	3.46%	0.328%
21	17.098	2412	2416	2424	rVV2	158172	290418	6.43%	0.609%
22	17.175	2426	2429	2434	rVV4	42537	61215	1.36%	0.128%
23	17.239	2435	2440	2448	rVB8	34213	80806	1.79%	0.169%
24	17.375	2459	2463	2470	rVB2	61162	106129	2.35%	0.222%
25	17.445	2471	2475	2479	rVV	40875	52340	1.16%	0.110%
26	17.845	2537	2543	2547	rBV2	57806	96266	2.13%	0.202%
27	17.898	2547	2552	2557	rBV	176306	244326	5.41%	0.512%
28	18.033	2571	2575	2579	rBV2	89111	131740	2.92%	0.276%
29	18.175	2595	2599	2607	rVB6	76618	114230	2.53%	0.239%
30	18.375	2630	2633	2639	rVB3	47917	72232	1.60%	0.151%
31	18.627	2673	2676	2680	rBV	73960	95370	2.11%	0.200%
32	18.886	2715	2720	2727	rBV3	98995	176642	3.91%	0.370%
33	18.998	2734	2739	2746	rBV	777226	962663	21.32%	2.018%
34	19.063	2746	2750	2754	rBV3	102996	136950	3.03%	0.287%

LSC Area Percent Report

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Sample : L3301-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CARLSTADT-SAMPLE-2020

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.245	2779	2781	2785	rVB	54176	60391	1.34%	0.127%
36	19.351	2791	2799	2809	rVB	649520	1018181	22.55%	2.134%
37	19.557	2829	2834	2847	rVB	3544672	4515442	100.00%	9.465%
38	19.839	2880	2882	2887	rVB2	78998	96366	2.13%	0.202%
39	19.886	2887	2890	2894	rVB2	60841	65425	1.45%	0.137%
40	19.992	2906	2908	2912	rVB2	57094	58407	1.29%	0.122%
41	20.345	2965	2968	2970	rBV	70872	83818	1.86%	0.176%
42	20.816	3044	3048	3053	rBV3	617121	861197	19.07%	1.805%
43	21.080	3087	3093	3096	rBV2	1872798	2689515	59.56%	5.638%
44	21.116	3096	3099	3107	rVB	295268	375307	8.31%	0.787%
45	21.674	3190	3194	3206	rBV3	473730	893116	19.78%	1.872%
46	22.633	3350	3357	3362	rBV2	2035857	3375788	74.76%	7.076%
47	23.180	3446	3450	3458	rVB2	287385	528524	11.70%	1.108%
48	23.268	3460	3465	3472	rVV2	979271	1753292	38.83%	3.675%
49	23.827	3553	3560	3568	rVB	1639523	3269203	72.40%	6.853%
50	24.274	3632	3636	3652	rVB2	338271	956390	21.18%	2.005%

Sum of corrected areas: 47706177

LSC Report - Integrated Chromatogram

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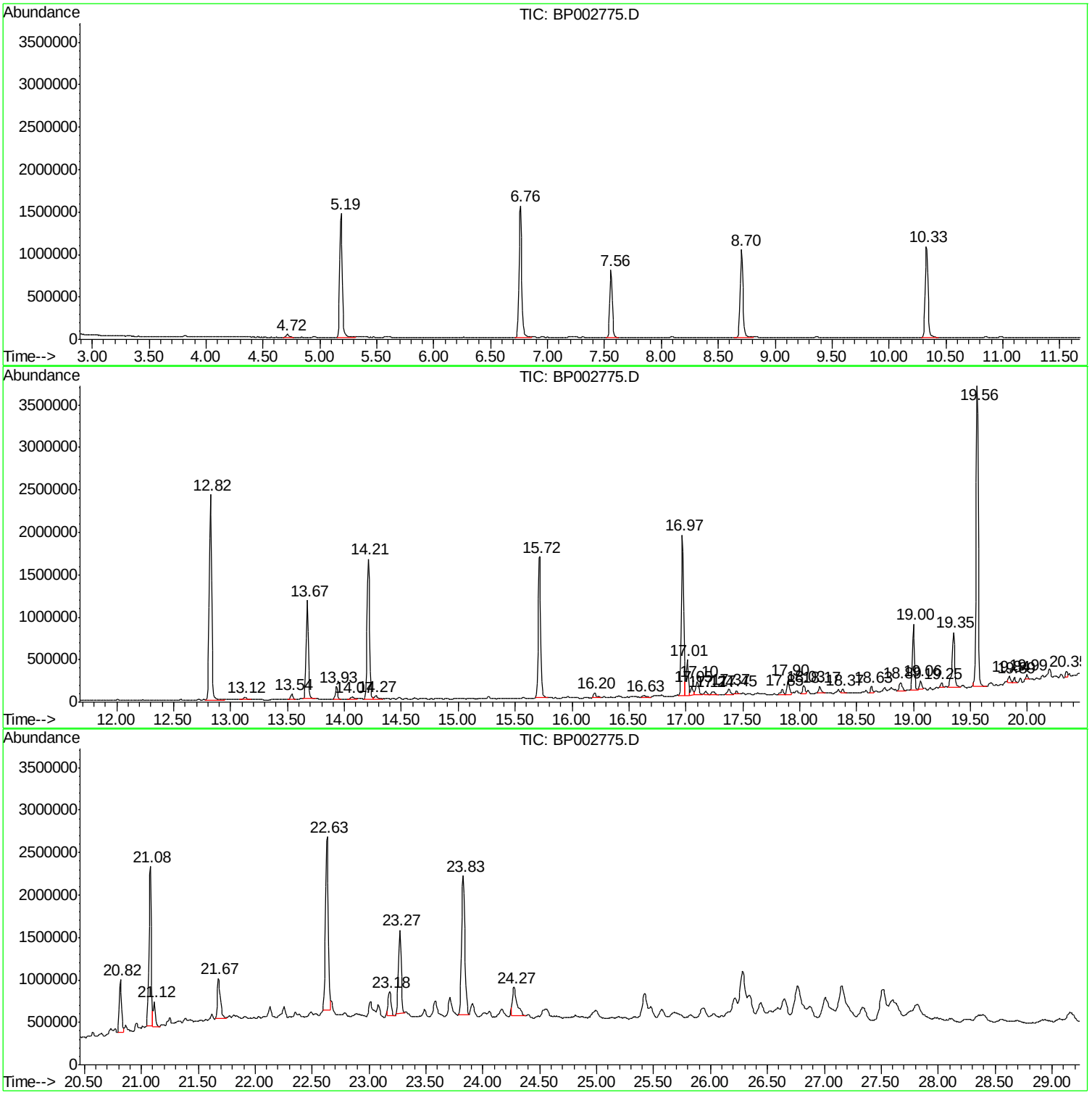
Acq On : 16 Jul 2020 16:47
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CARLSTADT-SAMPLE-2020

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002775.D
Acq On : 16 Jul 2020 16:47
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CARLSTADT-SAMPLE-2020

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

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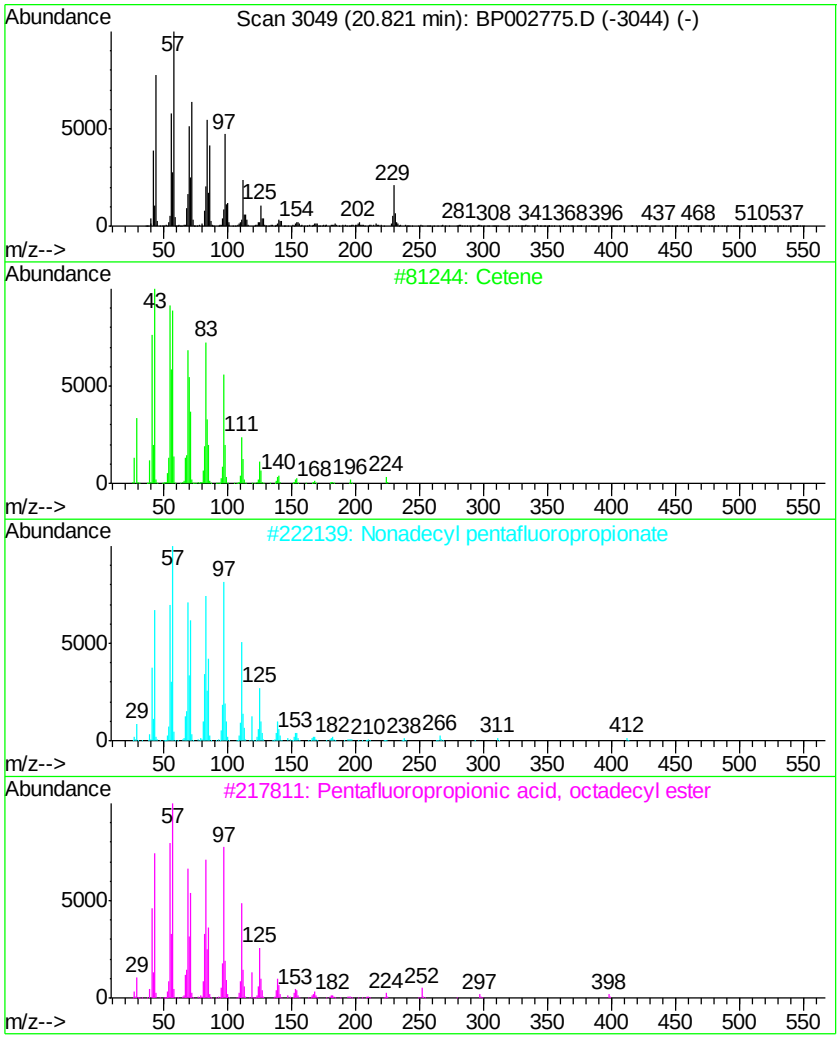
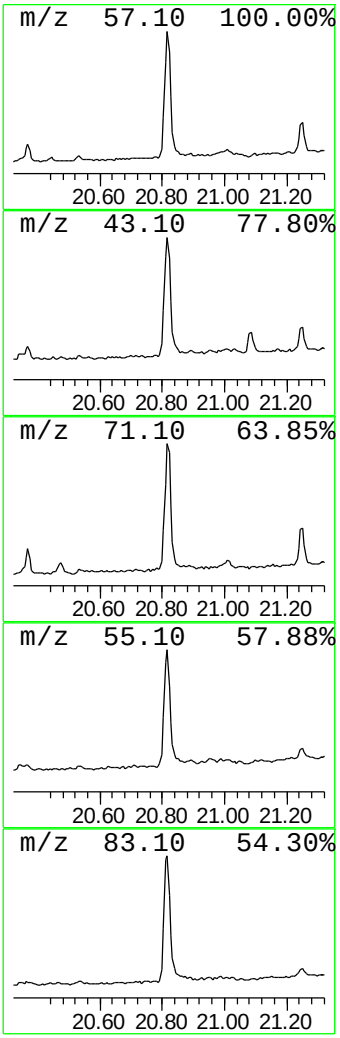
Peak Number 2 Cetene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	6.40 ng	861197	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	92
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002775.D
Acq On : 16 Jul 2020 16:47
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CARLSTADT-SAMPLE-2020

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

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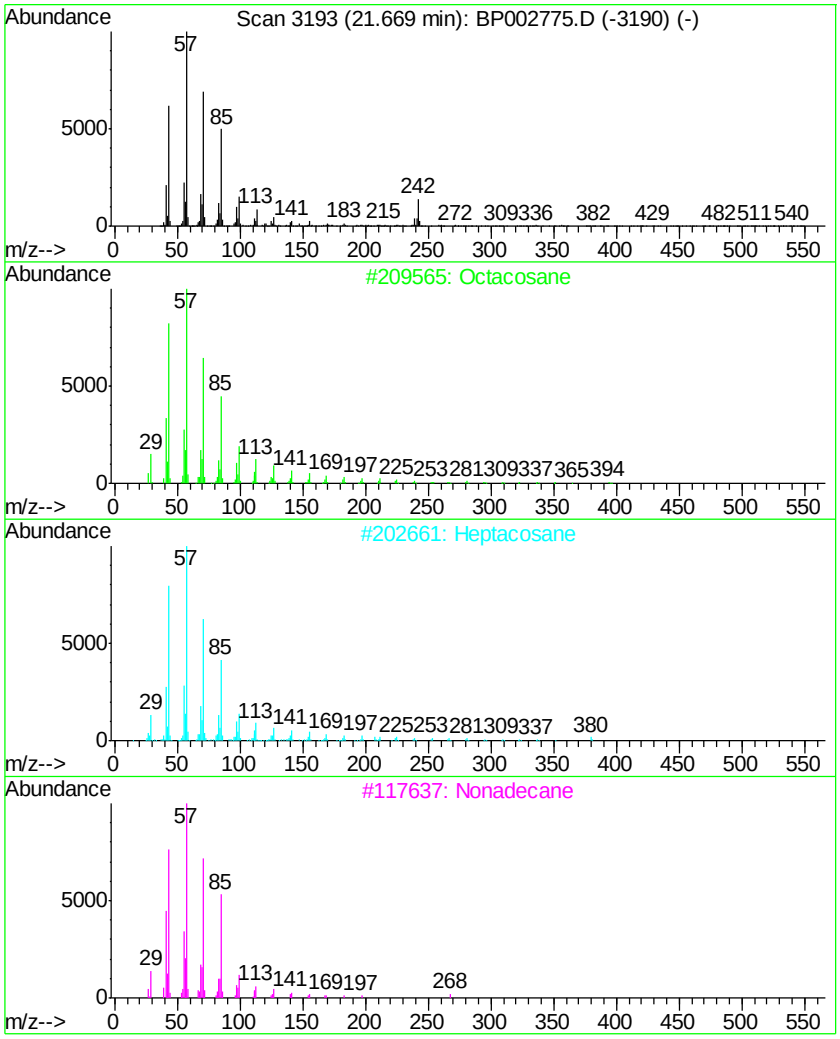
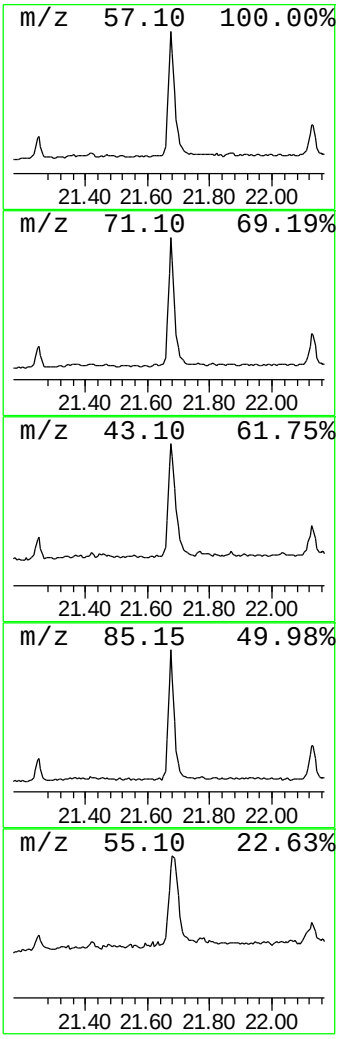
Peak Number 3 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	6.64 ng	893116	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Heptacosane	380	C27H56	000593-49-7	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Hexatriacontane	507	C36H74	000630-06-8	86
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002775.D
Acq On : 16 Jul 2020 16:47
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CARLSTADT-SAMPLE-2020

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

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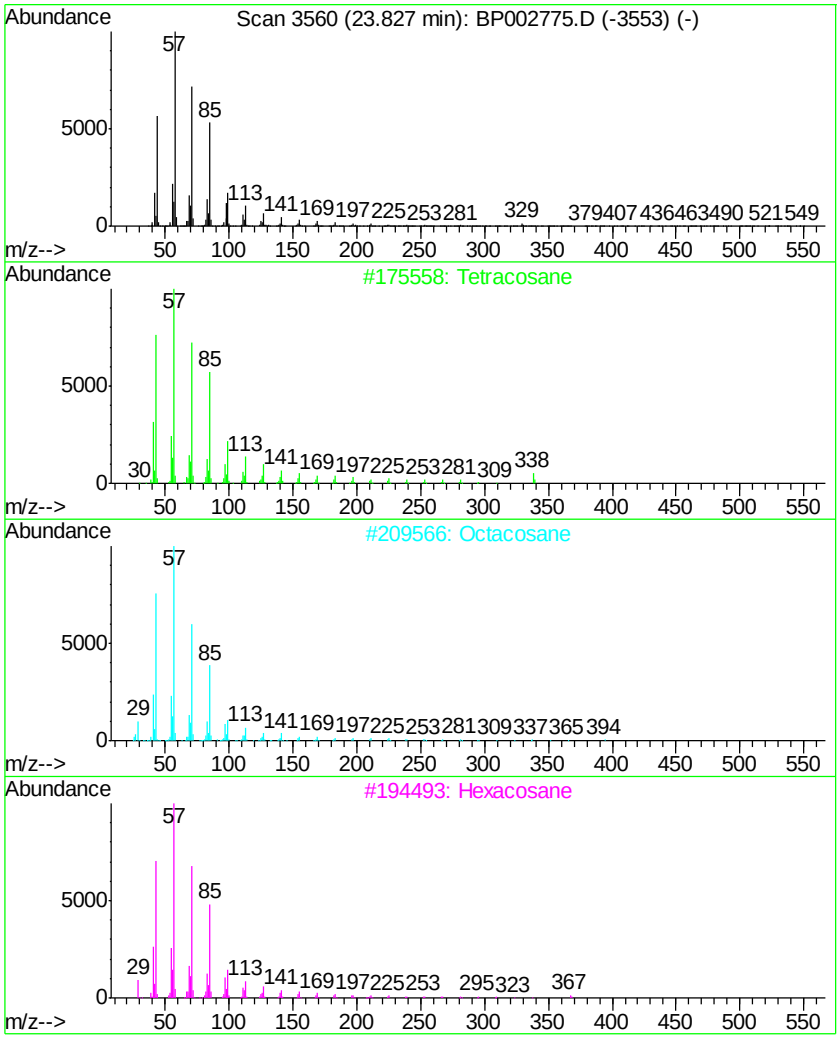
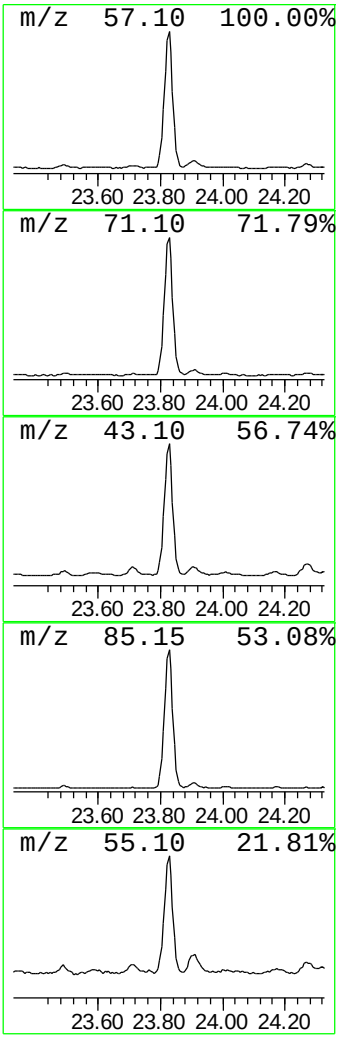
Peak Number 4 Tetracosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	37.29 ng	3269200	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Sample : L3301-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CARLSTADT-SAMPLE-2020

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

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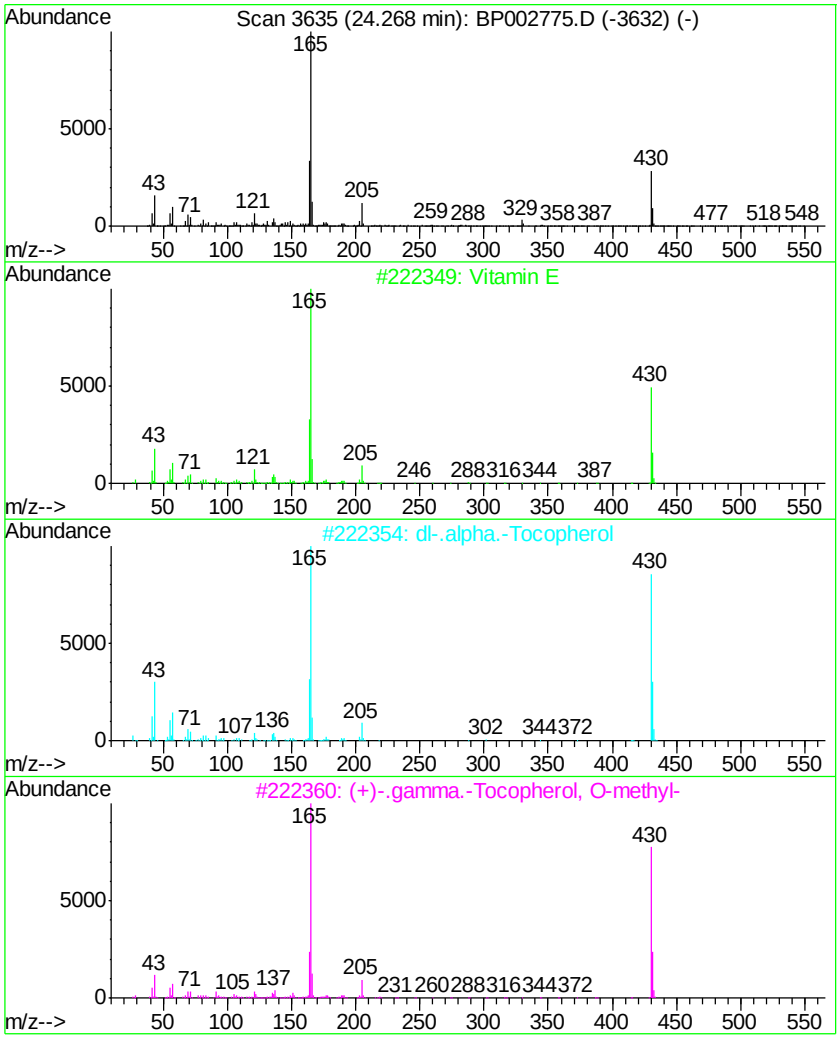
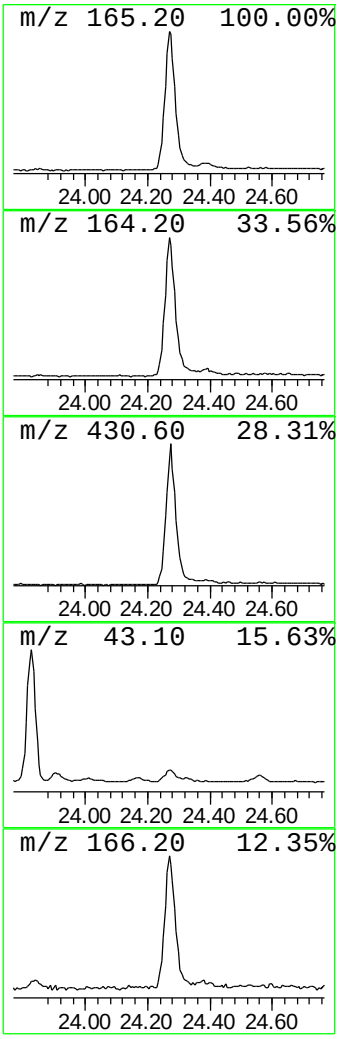
Peak Number 5 Vitamin E Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	10.91 ng	956390	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	000059-02-9	98
2	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
3	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	93
4	.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	86
5	Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7NO3	007472-18-6	50





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cetene	20.82	6.4	ng	861197	5	21.08	2689520	20.0
Octacosane	21.67	6.6	ng	893116	5	21.08	2689520	20.0
Tetracosane	23.83	37.3	ng	3269200	6	23.27	1753290	20.0
Vitamin E	24.27	10.9	ng	956390	6	23.27	1753290	20.0