LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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	5.175	383	389	408	rBV	894776	1423809	39.48%	3.841%
2	6.752	650	657	676	rBV	870727	1535714	42.59%	4.143%
3	7.552	784	793	805	rBV	479259	762168	21.14%	2.056%
4	8.699	979	988	1004	rBV	519024	968278	26.85%	2.612%
5	10.322	1256	1264	1285	rBV	580000	1072615	29.75%	2.893%
6	12.816	1681	1688	1710	rBV	1357858	2114880	58.65%	5.705%
7	13.528	1804	1809	1815	rBV2	30966	47498	1.32%	0.128%
8	13.663	1827	1832	1842	rBV	593292	882609	24.48%	2.381%
9	13.922	1868	1876	1883	rBV	78633	118175	3.28%	0.319%
10	14.198	1917	1923	1931	rBV	910023	1406510	39.01%	3.794%
11	14.263	1931	1934	1943	rVB2	20944	41269	1.14%	0.111%
12	15.704	2172	2179	2191	rBV	939261	1452268	40.27%	3.917%
13	16.192	2257	2262	2266	rBV	36114	57430	1.59%	0.155%
14	16.957	2387	2392	2397	rBV	1147831	1730195	47.98%	4.667%
15	16.998	2397	2399	2404	rVV	259850	346384	9.61%	0.934%
16	17.045	2404	2407	2411	rVV3	63156	95302	2.64%	0.257%
17	17.092	2411	2415	2423	rVV2	98823	168977	4.69%	0.456%
18	17.369	2457	2462	2469	rBV2	34670	67491	1.87%	0.182%
19	17.839	2535	2542	2546	rBV	35940	60024	1.66%	0.162%
20	17.886	2546	2550	2555	rBV2	77560	111715	3.10%	0.301%
21	18.028	2569	2574	2578	rBV3	53360	86166	2.39%	0.232%
22	18.063	2578	2580	2588	rVB	28603	36974	1.03%	0.100%
23	18.163	2594	2597	2606	rVB5	40715	61223	1.70%	0.165%
24	18.622	2671	2675	2679	rBV	36618	49868	1.38%	0.135%
25	18.733	2691	2694	2698	rBV2	25366	37246	1.03%	0.100%
26	18.892	2714	2721	2731	rBV5	33288	98037	2.72%	0.264%
27	18.986	2732	2737	2744	rBV	526480	669345	18.56%	1.806%
28	19.051	2744	2748	2752	rBV3	62571	77867	2.16%	0.210%
29	19.239	2777	2780	2787	rVB4	34775	49233	1.37%	0.133%
30	19.339	2789	2797	2807	rVB	441262	707538	19.62%	1.909%
31	19.545	2825	2832	2843	rBV	2642118	3395988	94.18%	9.161%
32	19.798	2871	2875	2876	rBV4	27757	37624	1.04%	0.101%
33	19.874	2886	2888	2892	rBV2	35088	39254	1.09%	0.106%
34	19.986	2903	2907	2911	rBV3	56589	79797	2.21%	0.215%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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

35	20.339	2964	2967	2969	rBV	37910	49627	1.38%	0.134%
36	20.816	3043	3048	3052	rBV2	256052	398962	11.06%	1.076%
37	20.951	3068	3071	3077	rBV2	52055	79708	2.21%	0.215%
38	21.063	3084	3090	3095	rBV2	1702096	2547331	70.64%	6.871%
39	21.104	3095	3097	3105	rVB	270789	291445	8.08%	0.786%
40	21.669	3189	3193	3196	rBV2	312303	446789	12.39%	1.205%
41	22.616	3347	3354	3373	rVB2	1932430	3605951	100.00%	9.727%
42	22.998	3416	3419	3423	rVB3	111613	147421	4.09%	0.398%
43	23.157	3442	3446	3455	rVB2	223455	493689	13.69%	1.332%
44	23.251	3456	3462	3468	rBV	1087175	1945421	53.95%	5.248%
45	23.563	3511	3515	3528	rVB4	150771	357877	9.92%	0.965%
46	23.698	3534	3538	3549	rVB2	164414	379014	10.51%	1.022%
47	23.815	3551	3558	3566	rVB	1646332	3282131	91.02%	8.854%
48	24.257	3627	3633	3650	rVB	306194	930378	25.80%	2.510%
49	25.398	3822	3827	3833	rBV	199938	513866	14.25%	1.386%
50	26.256	3967	3973	3979	rBV3	343261	927527	25.72%	2.502%
51	26.727	4047	4053	4064	rVB2	284847	784756	21.76%	2.117%

Sum of corrected areas: 37071364

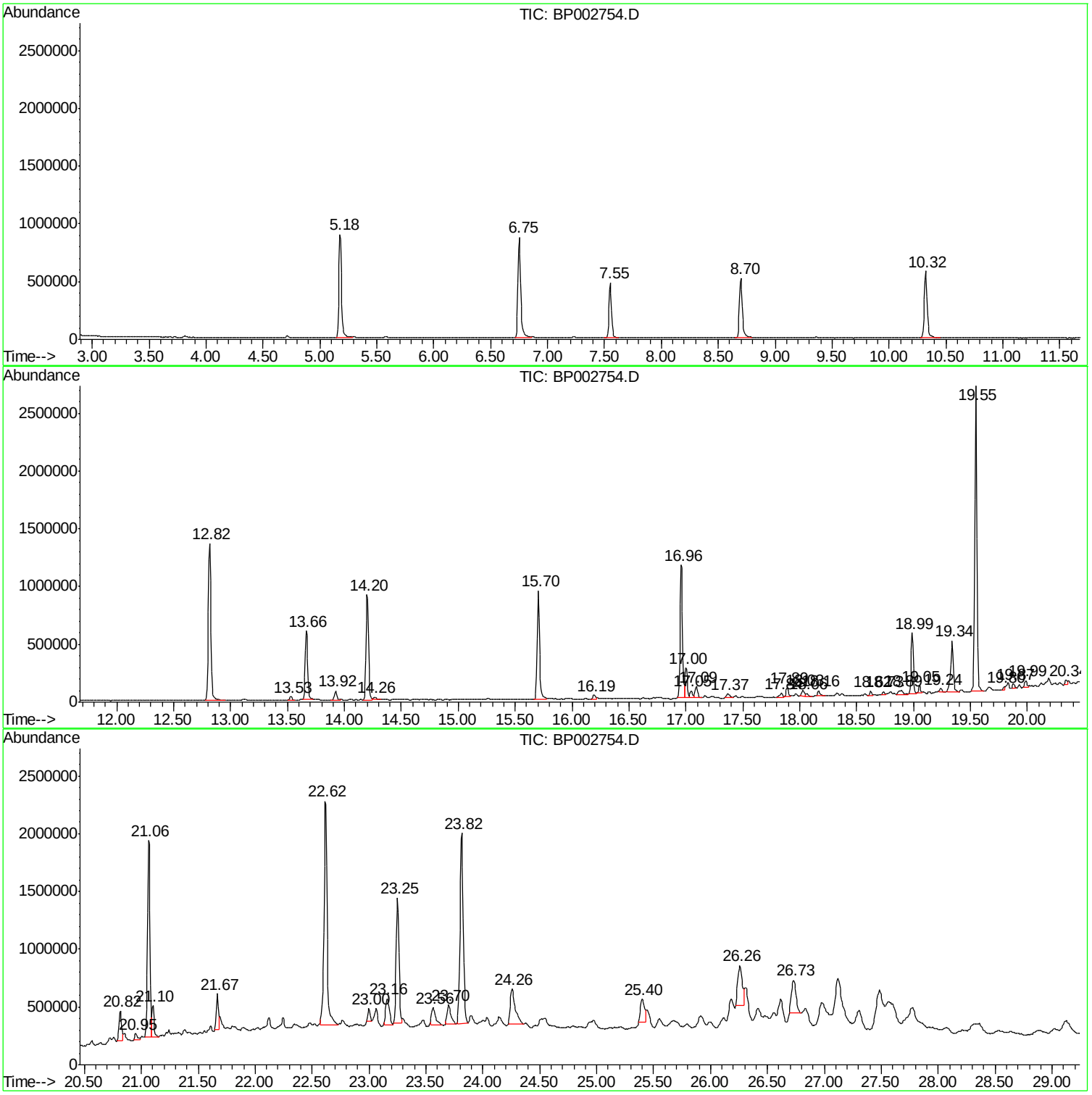
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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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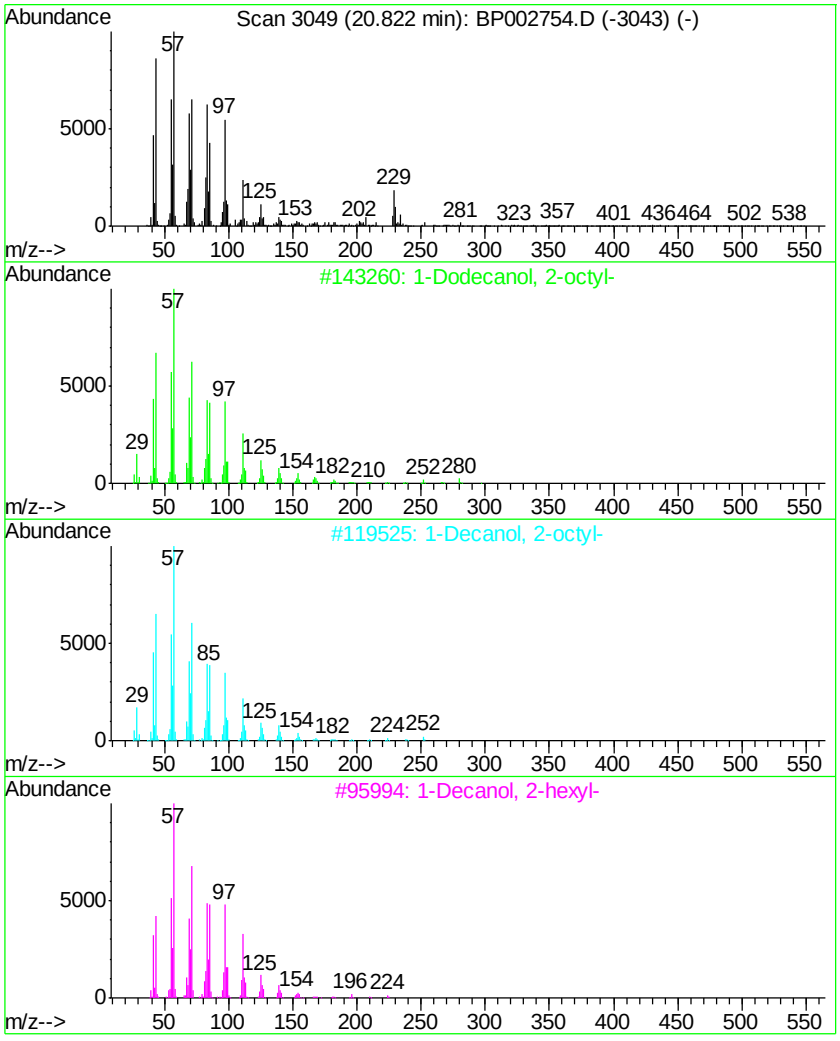
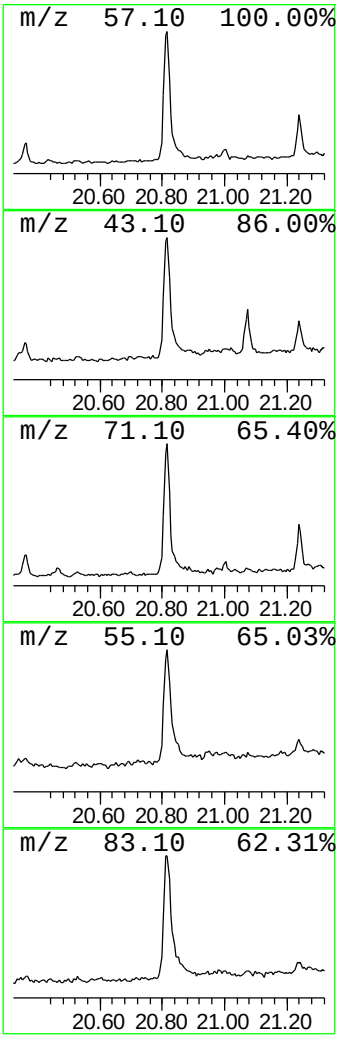
Peak Number 1 1-Dodecanol, 2-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.13 ng	398962	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	83
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	83
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	83
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	83
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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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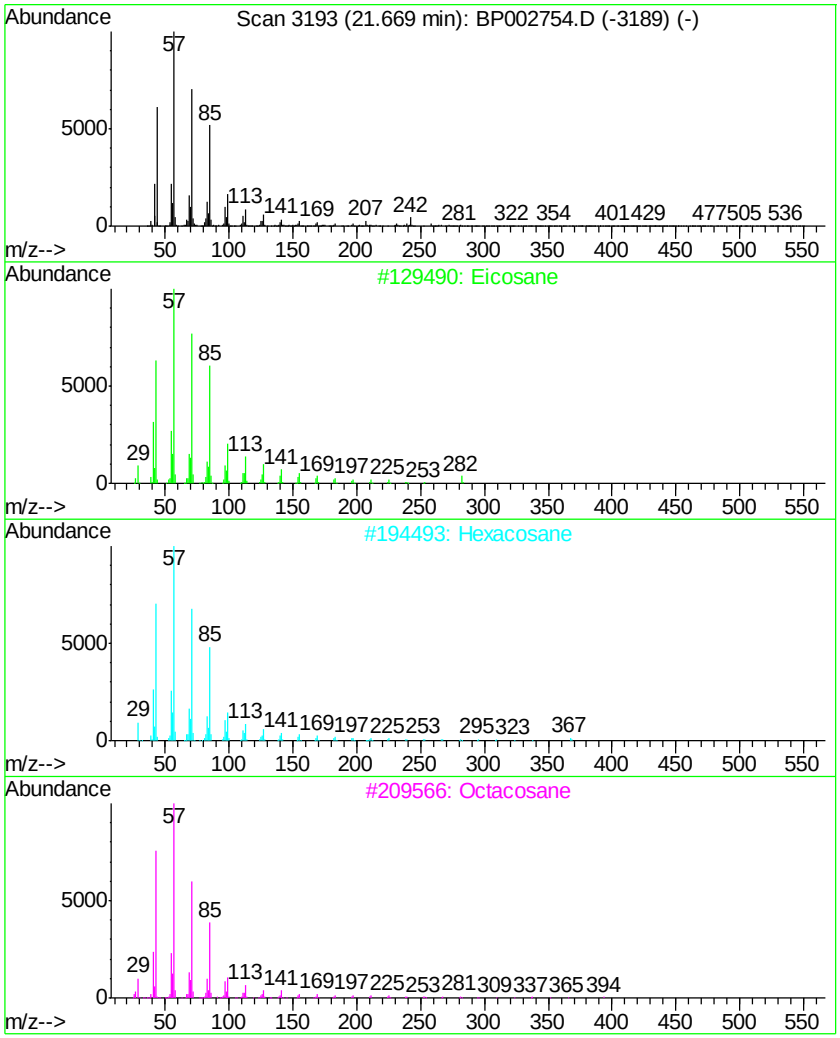
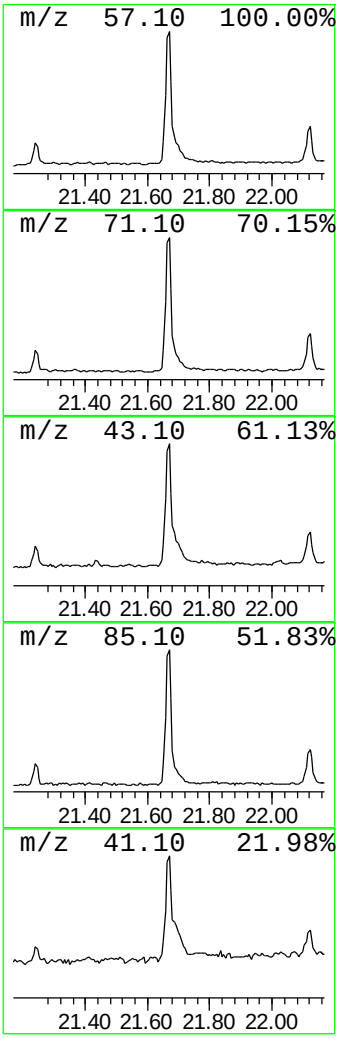
Peak Number 2 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	3.51 ng	446789	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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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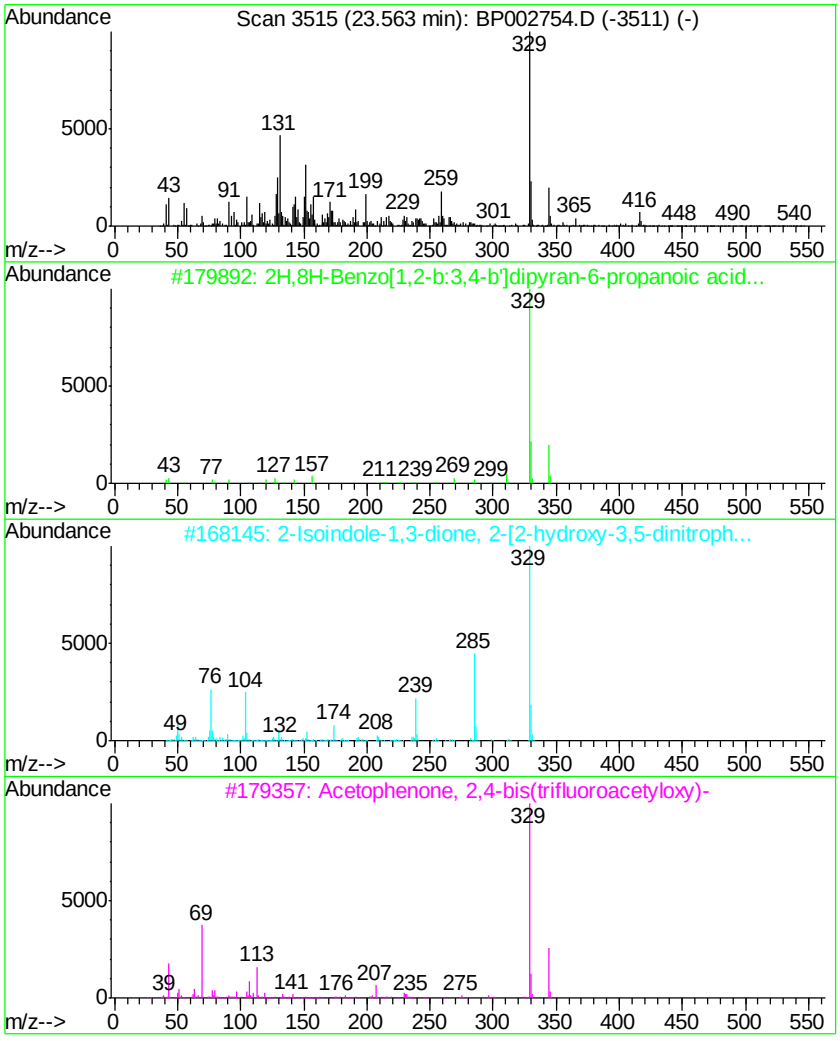
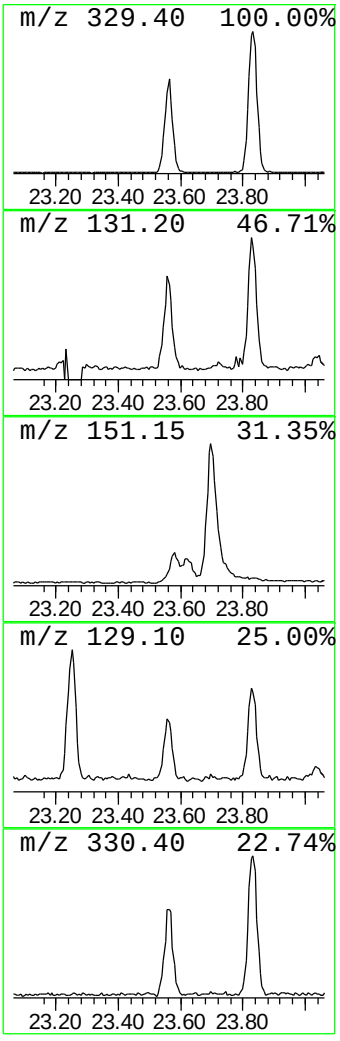
Peak Number 3 unknown23.56 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.56	3.68 ng	357877	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	344	C20H24O5	026535-36-4	46
2	2-Isoindole-1,3-dione, 2-[2-hydr...	329	C14H7N3O7	1000128-76-3	46
3	Acetophenone, 2,4-bis(trifluoroa...	344	C12H6F6O5	1000365-29-1	45
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	344	C20H24O5	026535-35-3	43
5	2H-Indazole, 4,6-dinitro-2-(4-ni...	329	C13H7N5O6	1000277-66-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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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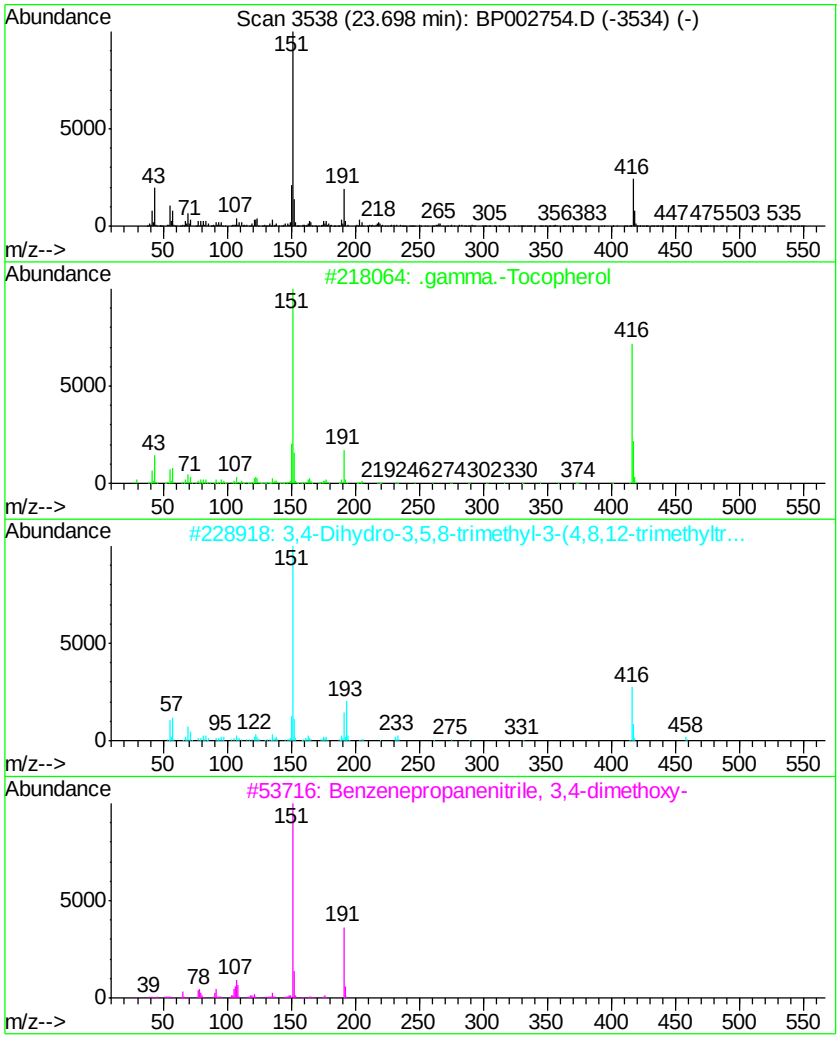
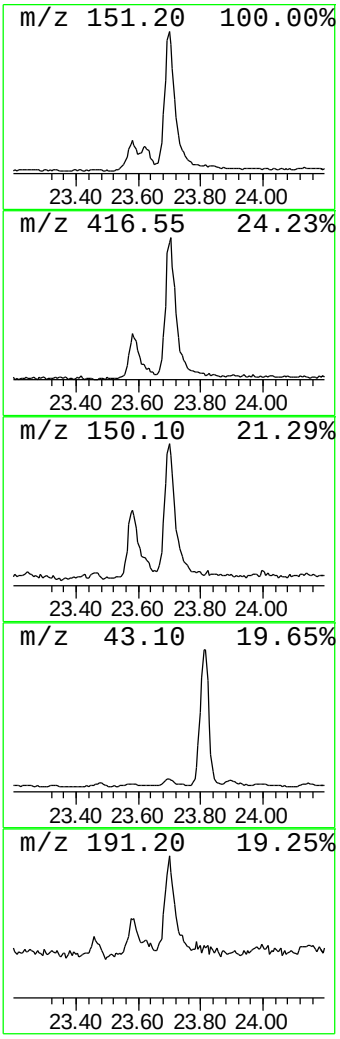
Peak Number 4 .gamma.-Tocopherol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.70	3.90 ng	379014	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	98
2	3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	64
3	Benzenepropanenitrile, 3,4-dimet...	191	C11H13NO2	049621-56-9	52
4	1H-1,2,4-Triazol-5-amine, N-(3,4...	234	C11H14N4O2	100057-78-1	43
5	2',6'-Dihydroxy-3'-methylacetoph...	166	C9H10O3	029183-78-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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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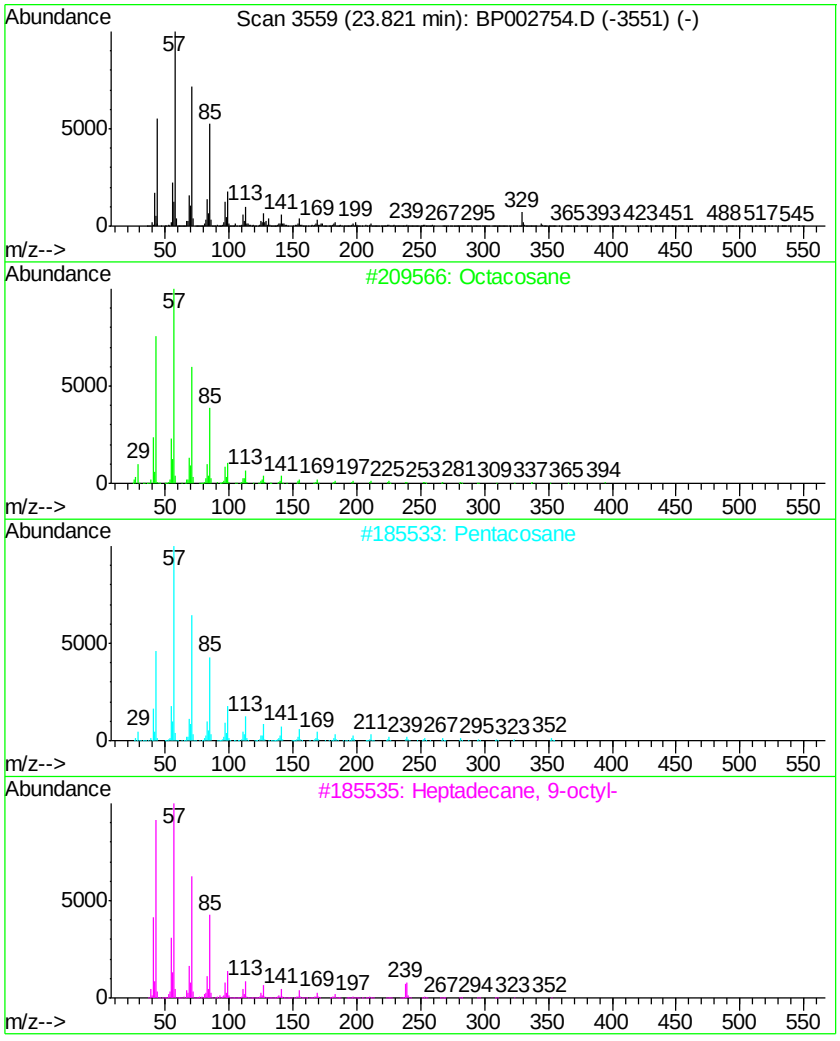
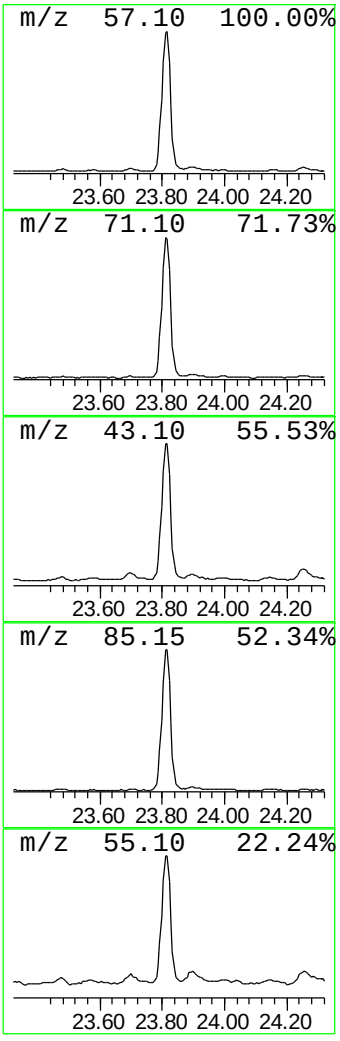
Peak Number 5 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	33.74 ng	3282130	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Pentacosane	352	C25H52	000629-99-2	96
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4	Heptadecane	240	C17H36	000629-78-7	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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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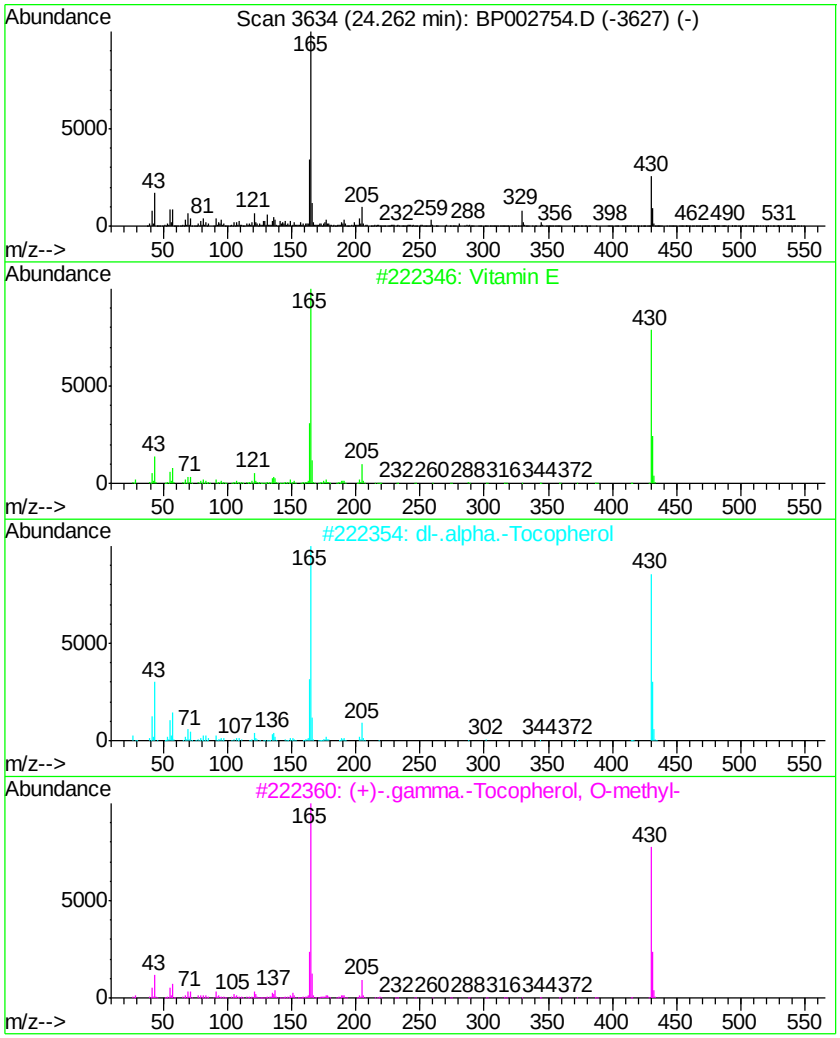
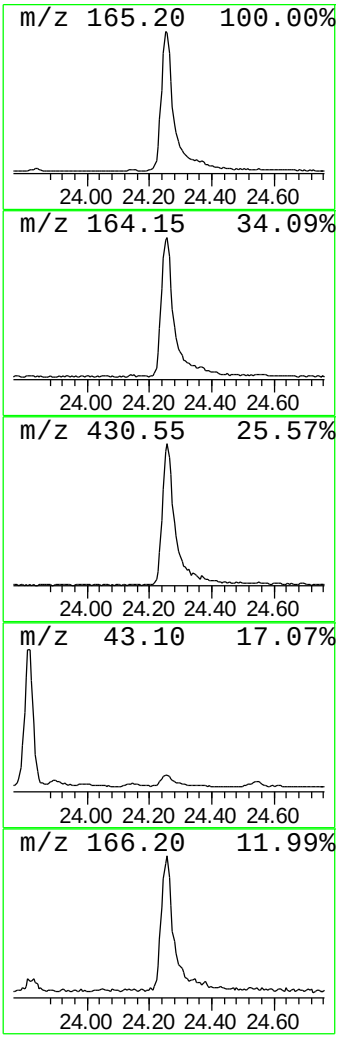
Peak Number 6 Vitamin E Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	9.56 ng	930378	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	000059-02-9	99
2	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	97
3	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	93
4	.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	87
5	Benzenamine, 3-methoxy-2,4,6-tri...	165	C10H15NO	034874-88-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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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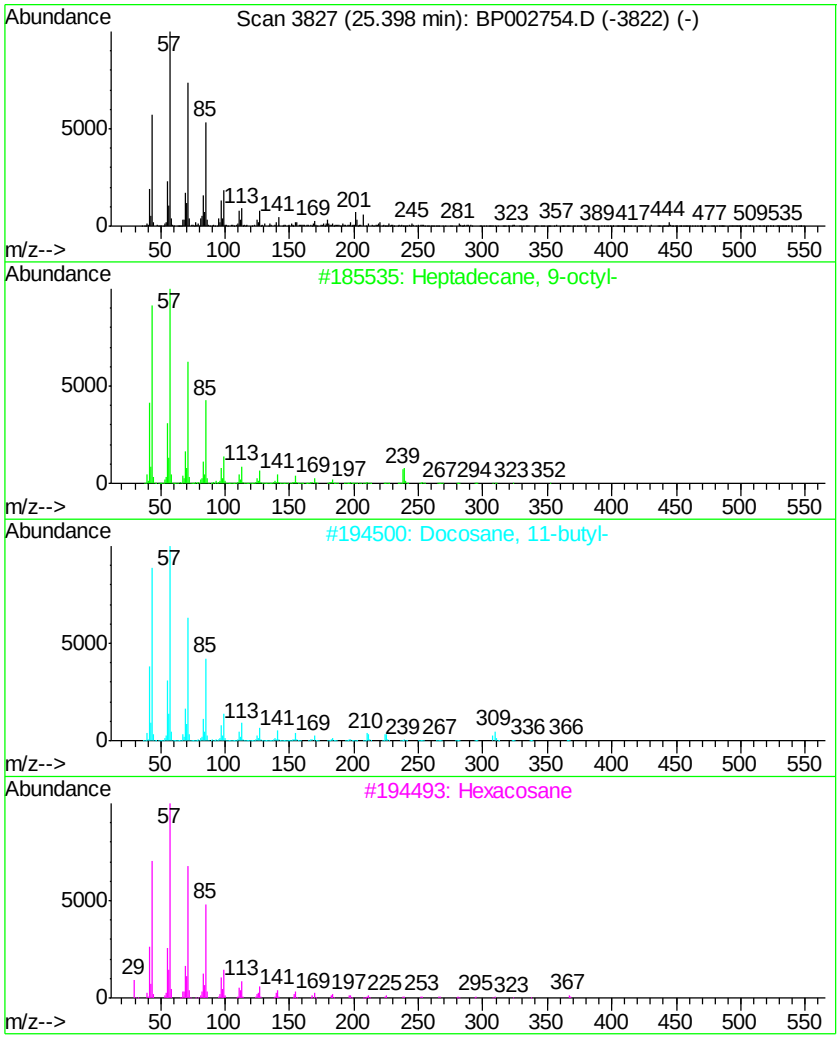
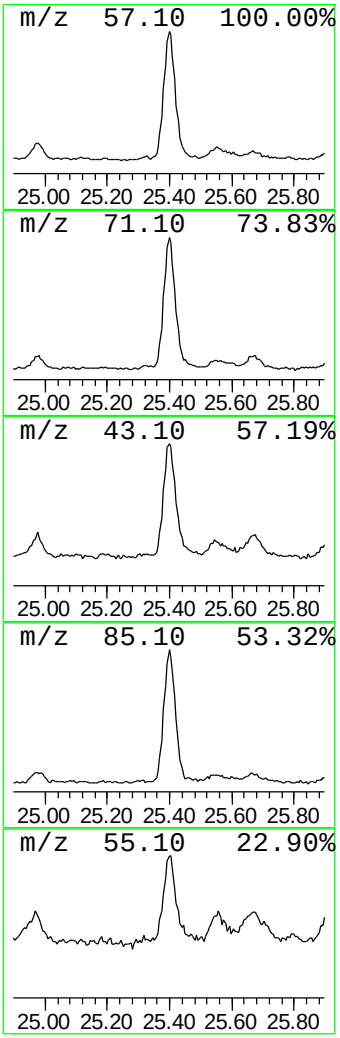
Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.40	5.28 ng	513866	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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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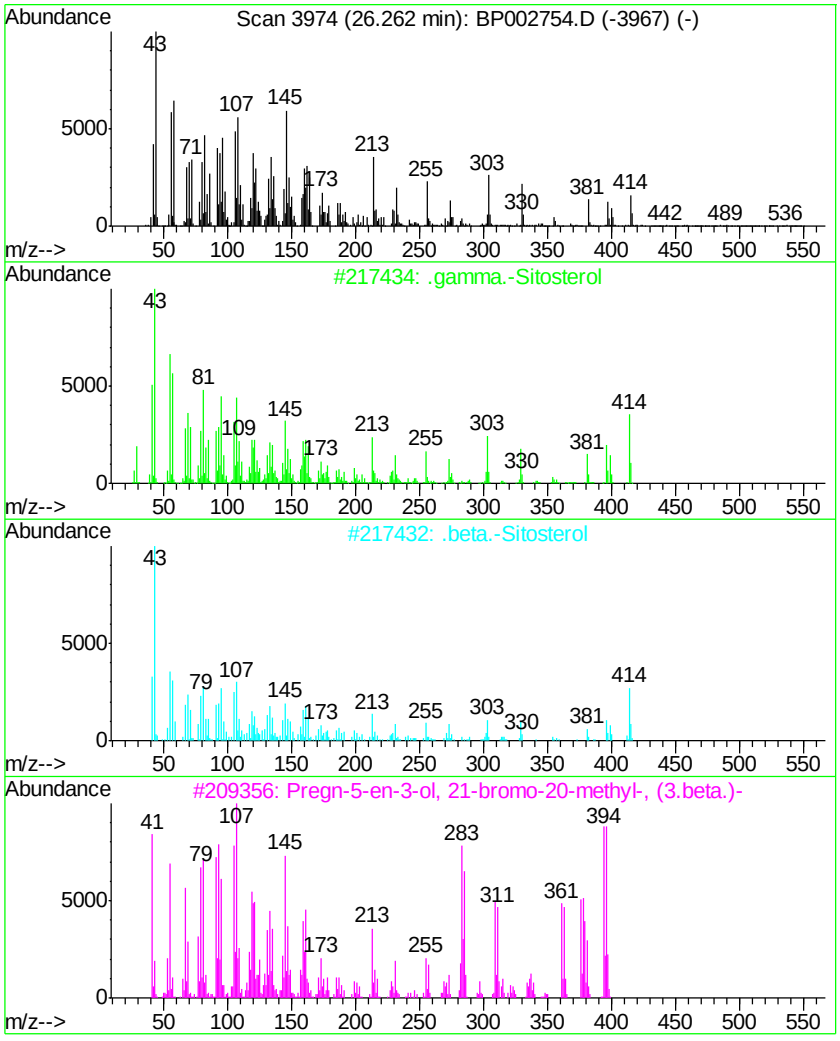
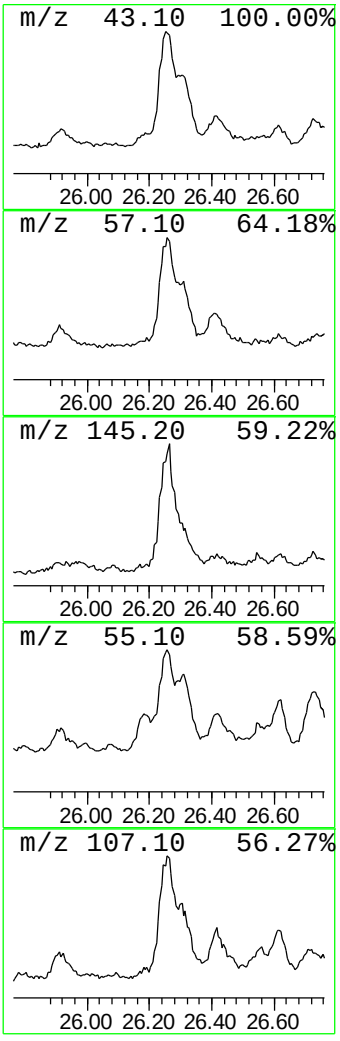
Peak Number 8 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.26	9.54 ng	927527	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	95
4	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	49
5	Campesterol	400	C28H48O	000474-62-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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

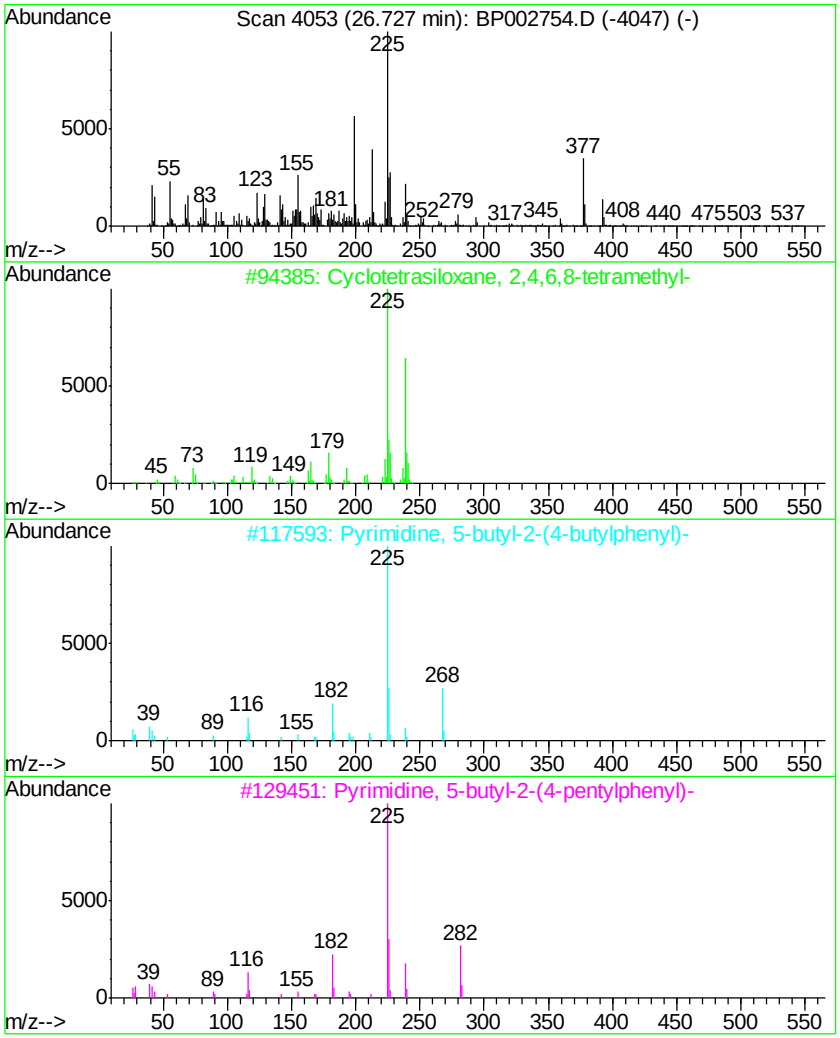
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

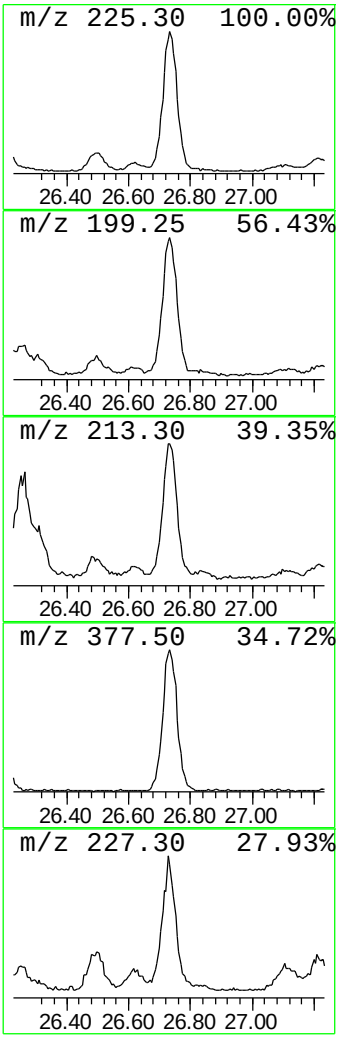
****

Peak Number 9 Cyclotetrasiloxane, 2,4,6,8... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	8.07 ng	784756	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, 2,4,6,8-tetr...	240	C4H16O4Si4	002370-88-9	59
2	Pyrimidine, 5-butyl-2-(4-butylph...	268	C18H24N2	122096-17-7	27
3	Pyrimidine, 5-butyl-2-(4-pentylp...	282	C19H26N2	098495-14-8	27
4	(3-Isopropyl-5-methylamino-2,4,6...	225	C14H15N3	014204-00-3	20
5	Aniline, N-(3,4-dimethylphenyl)-...	225	C16H19N	055389-75-8	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP071520\
Data File : BP002754.D
Acq On : 15 Jul 2020 15:05
Operator : CG/JU
Sample : L3301-01
Misc :
ALS Vial : 6 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Dodecanol, 2-oc...	20.82	3.1	ng	398962	5	21.07	2547330	20.0
Eicosane	21.67	3.5	ng	446789	5	21.07	2547330	20.0
unknown23.56	23.56	3.7	ng	357877	6	23.25	1945420	20.0
.gamma.-Tocopherol	23.70	3.9	ng	379014	6	23.25	1945420	20.0
Octacosane	23.82	33.7	ng	3282130	6	23.25	1945420	20.0
Vitamin E	24.26	9.6	ng	930378	6	23.25	1945420	20.0
Heptadecane, 9-oc...	25.40	5.3	ng	513866	6	23.25	1945420	20.0
.gamma.-Sitosterol	26.26	9.5	ng	927527	6	23.25	1945420	20.0
Cyclotetrasiloxan...	26.73	8.1	ng	784756	6	23.25	1945420	20.0