LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016456.D
Acq On : 01 Aug 2023 15:04
Operator : MA/JU
Sample : 03686-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-23-14-16-20230721

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\8270E-BP072723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP016456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.587	384	391	400	rBV	6114518	8999936	48.89%	9.641%
2	7.216	660	668	681	rBV	6027037	9673126	52.55%	10.362%
3	8.075	807	814	828	rVB	1279438	2090618	11.36%	2.240%
4	9.275	1008	1018	1032	rBV	3720724	6028452	32.75%	6.458%
5	10.910	1289	1296	1304	rBV	1741551	2849006	15.48%	3.052%
6	13.351	1701	1711	1726	rBV	10037313	14417407	78.32%	15.445%
7	14.181	1844	1852	1862	rBV	1425723	1902392	10.33%	2.038%
8	14.728	1935	1945	1952	rBV	2550387	3704767	20.12%	3.969%
9	16.222	2182	2199	2214	rBV	5833508	8560300	46.50%	9.170%
10	17.492	2408	2415	2421	rBV	3141603	4442788	24.13%	4.759%
11	17.598	2430	2433	2442	rVB3	112979	211961	1.15%	0.227%
12	18.333	2553	2558	2568	rBV	336833	527943	2.87%	0.566%
13	19.569	2764	2768	2773	rBV2	138544	187695	1.02%	0.201%
14	20.039	2842	2848	2857	rBV	15000852	18409222	100.00%	19.721%
15	20.786	2972	2975	2980	rBV	220147	241373	1.31%	0.259%
16	21.251	3049	3054	3068	rBV	787019	1177398	6.40%	1.261%
17	21.586	3106	3111	3121	rVB	2749917	3596989	19.54%	3.853%
18	21.704	3127	3131	3137	rVB	492068	576838	3.13%	0.618%
19	22.192	3210	3214	3225	rBV	507825	698493	3.79%	0.748%
20	22.733	3301	3306	3315	rBV	426061	644727	3.50%	0.691%
21	23.016	3351	3354	3360	rVB4	134696	193699	1.05%	0.208%
22	23.339	3404	3409	3415	rBV	351616	593061	3.22%	0.635%
23	24.033	3523	3527	3537	rVB	231687	434730	2.36%	0.466%
24	24.186	3546	3553	3565	rVB	1456408	3184710	17.30%	3.412%

Sum of corrected areas: 93347631

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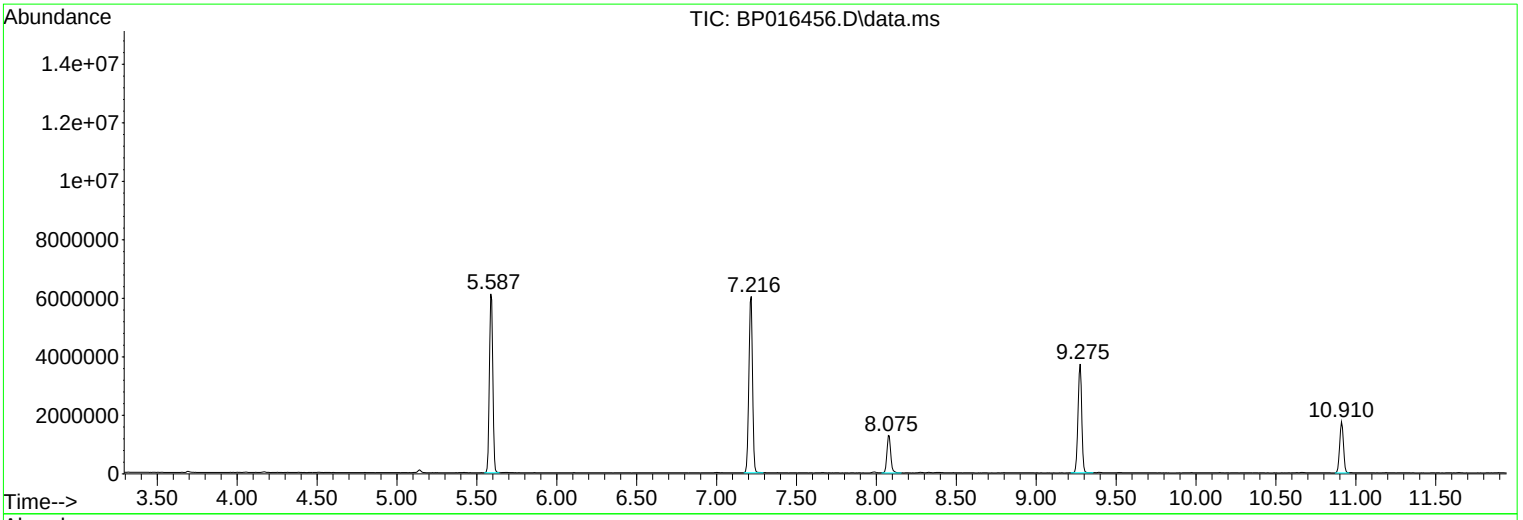
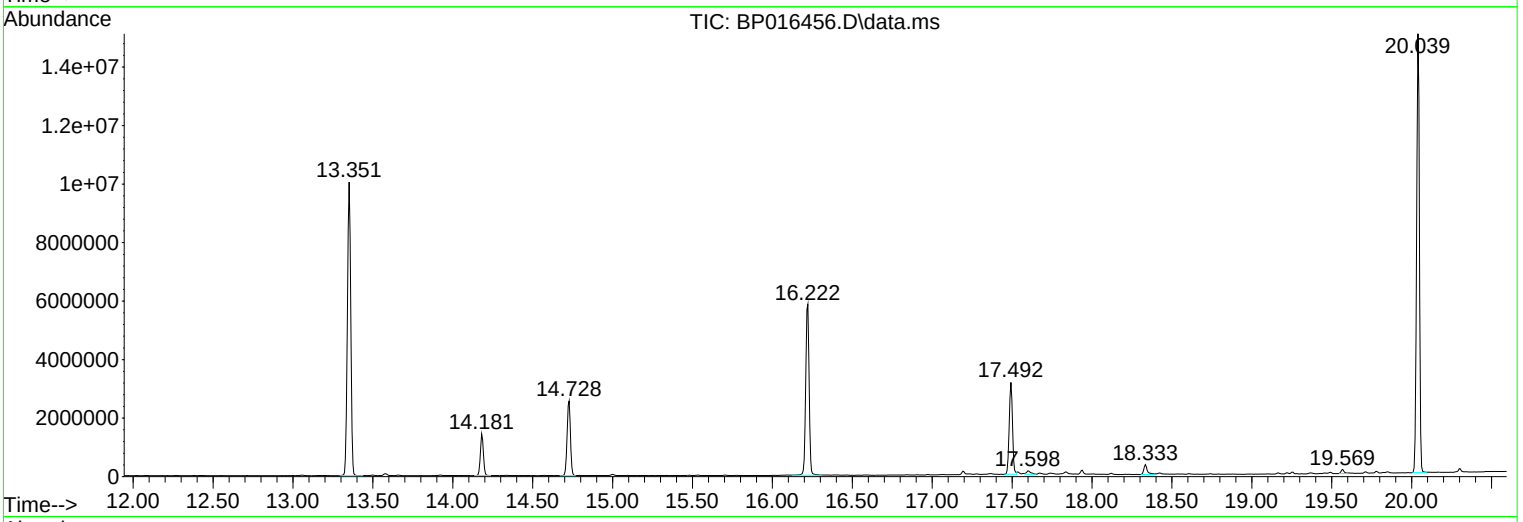
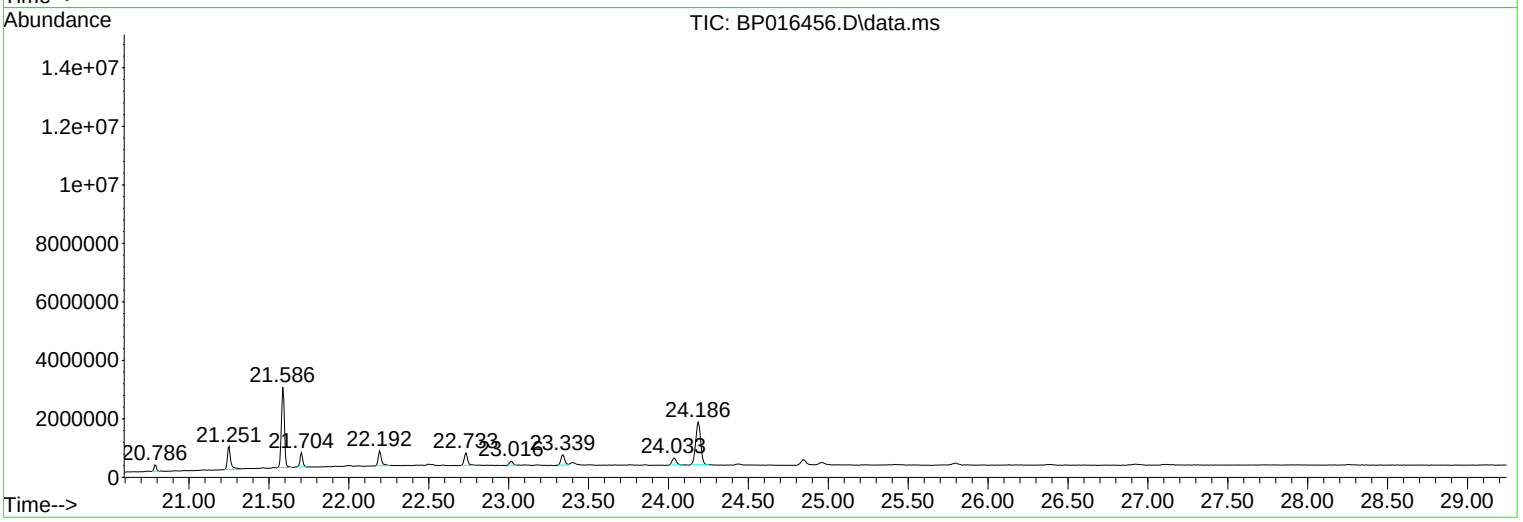
ClientSampleId :
SB-23-14-16-20230721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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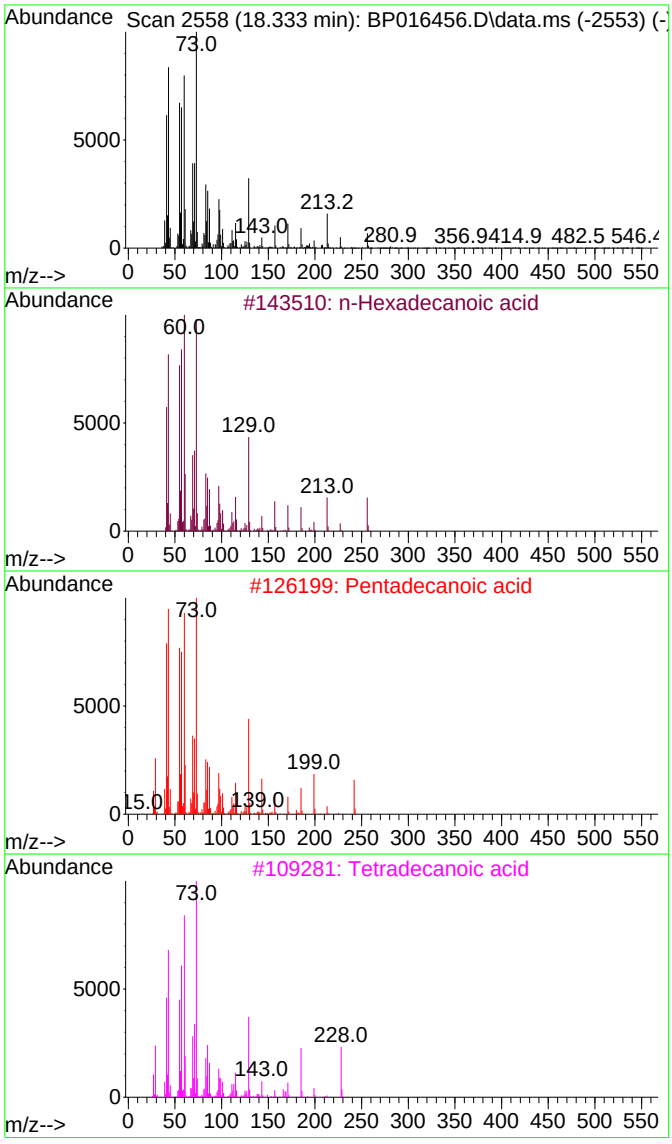
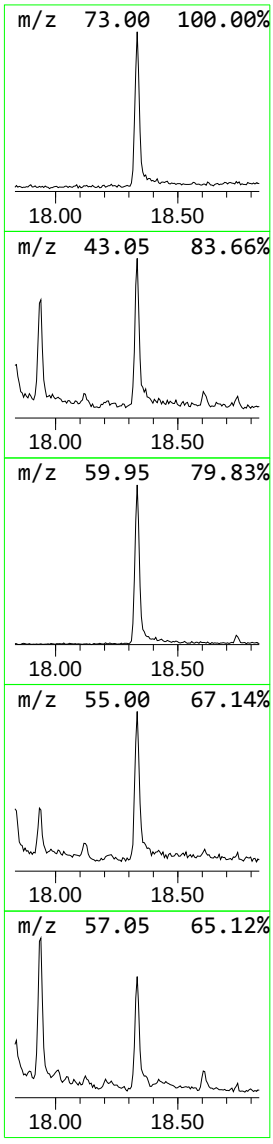
Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	2.38 ng	527943	Phenanthrene-d10	17.492

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	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Instrument :
BNA_P
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SB-23-14-16-20230721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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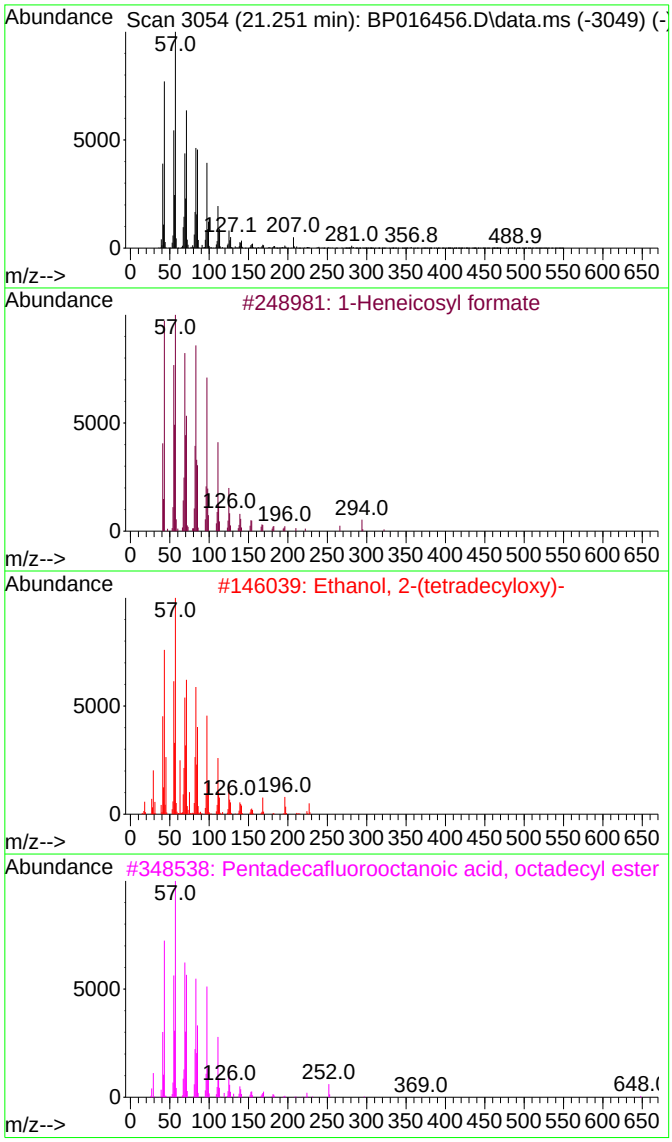
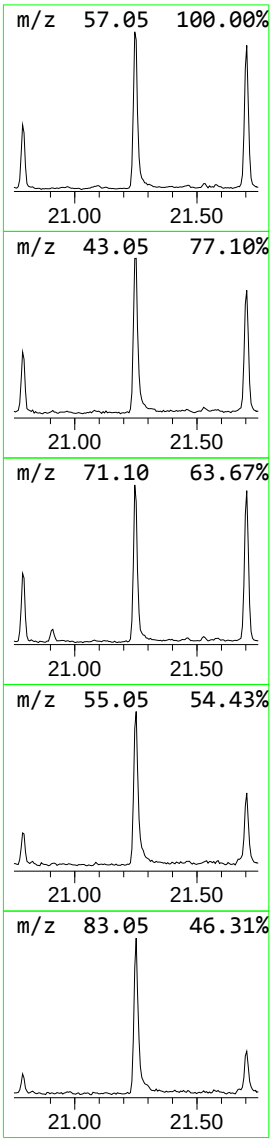
Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	6.55 ng	1177400	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
5	Carbonic acid, decyl octadecyl e...	454	C29H58O3	1000383-16-7	87





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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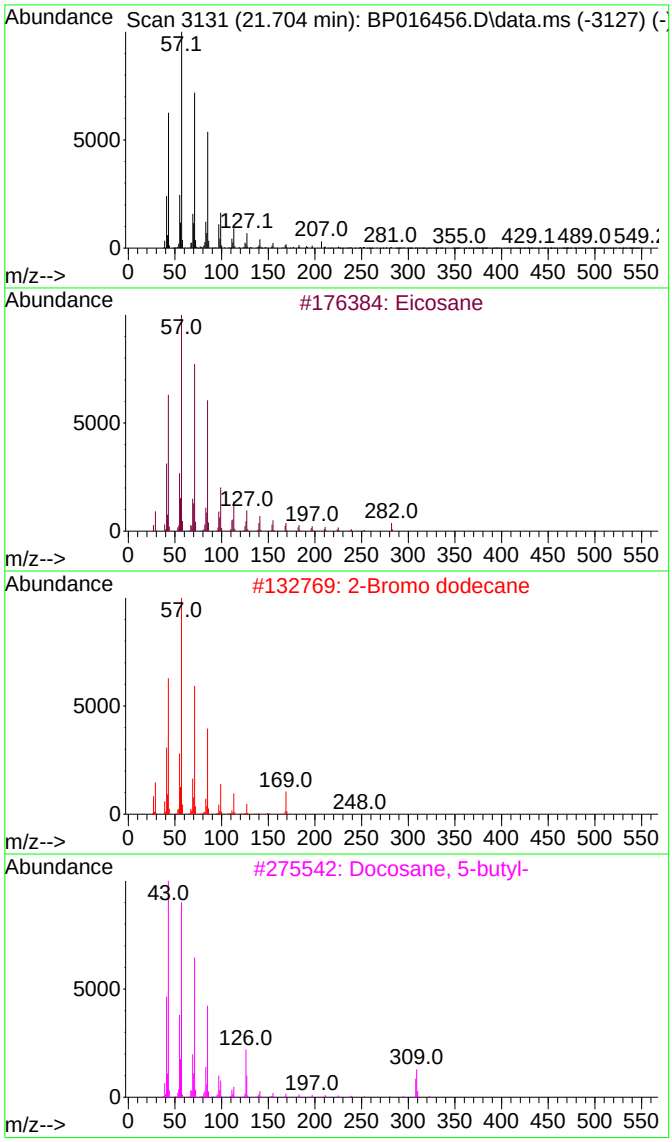
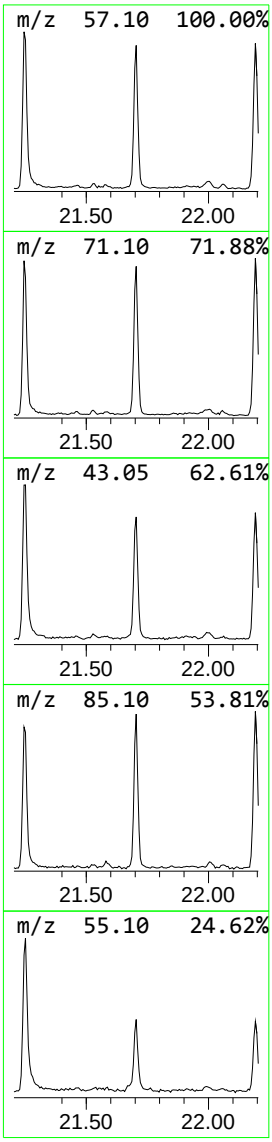
Peak Number 3 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.704	3.21 ng	576838	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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Data File : BP016456.D
Acq On : 01 Aug 2023 15:04
Operator : MA/JU
Sample : 03686-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-23-14-16-20230721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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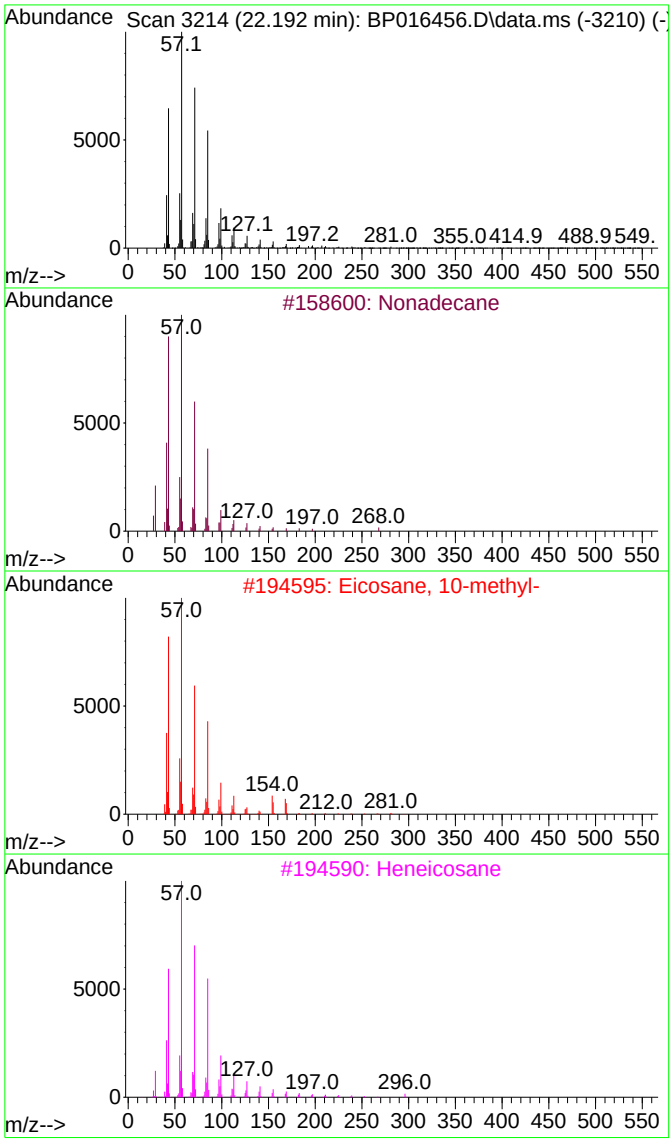
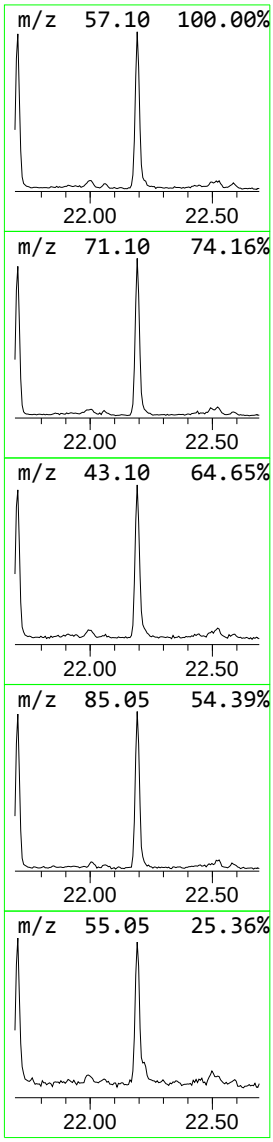
Peak Number 4 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.192	3.88 ng	698493	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Heptacosane	380	C27H56	000593-49-7	87





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Operator : MA/JU
Sample : 03686-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
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SB-23-14-16-20230721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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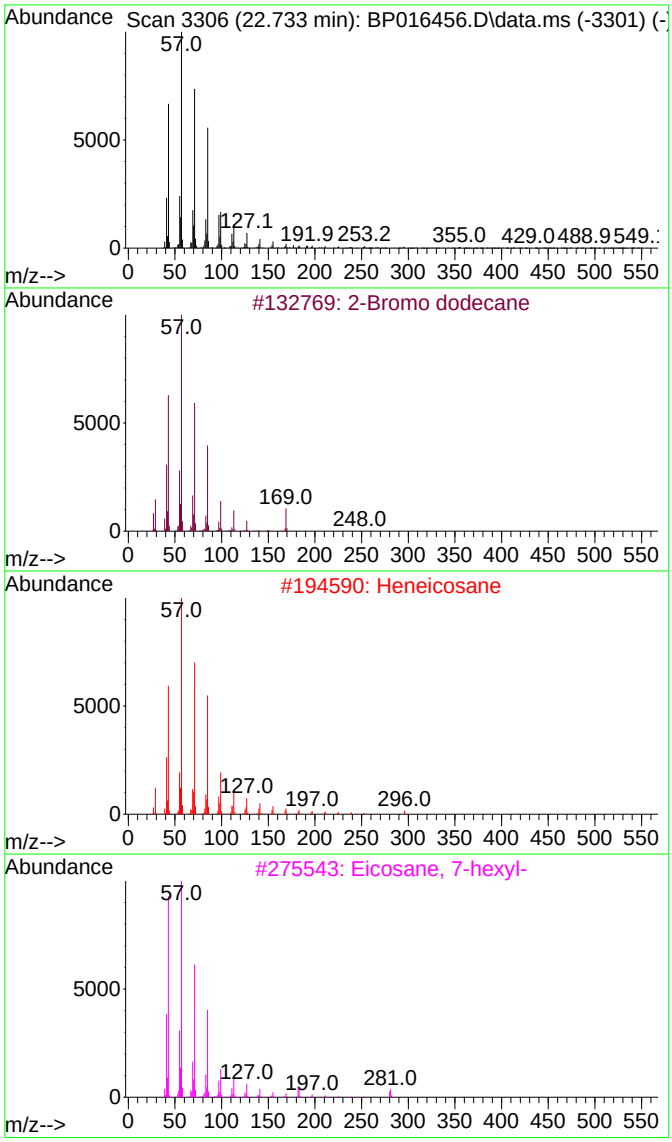
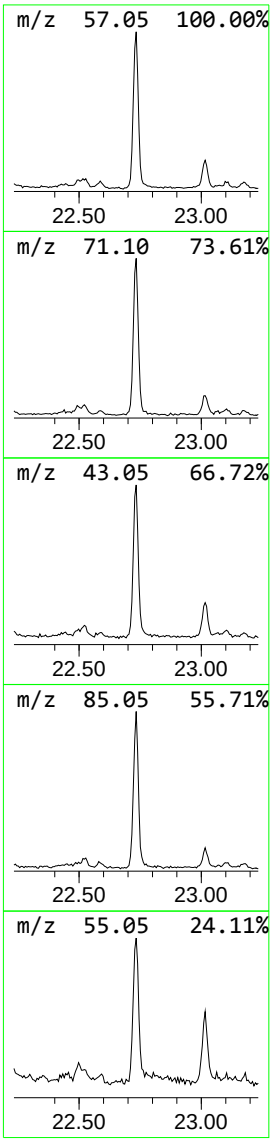
Peak Number 5 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.733	3.58 ng	644727	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Boric acid, ethyl-, didecyl ester	354	C22H47BO2	1000152-34-4	83
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	74





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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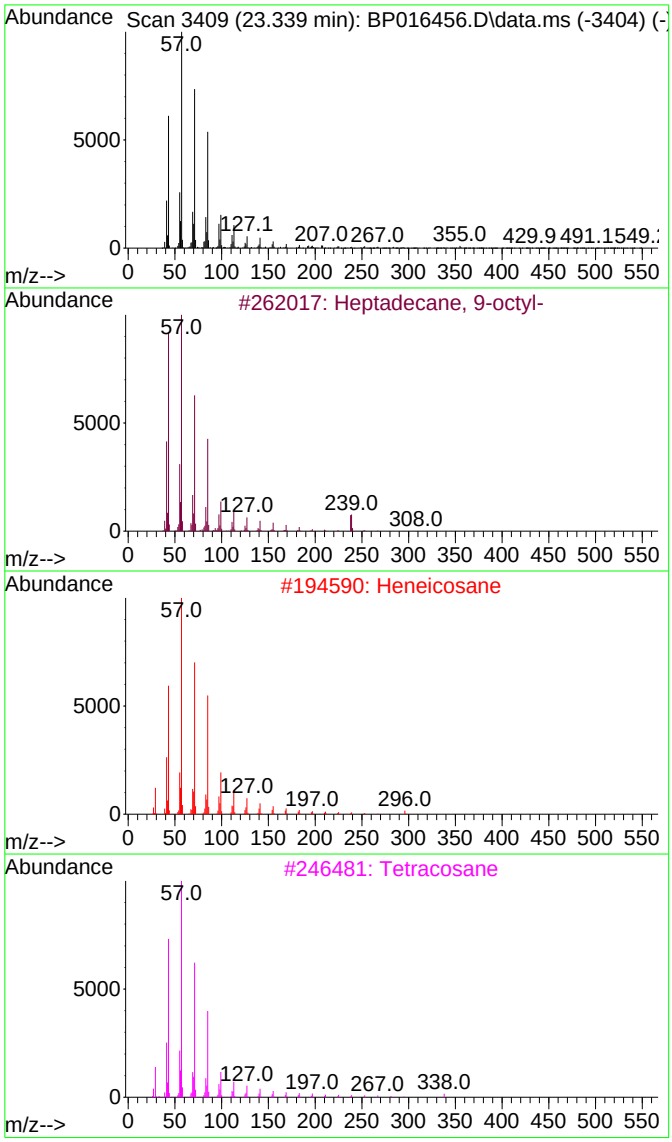
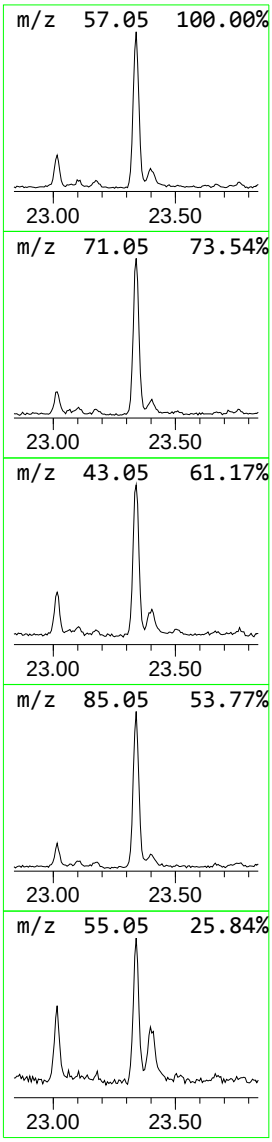
Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.339	3.72 ng	593061	Perylene-d12	24.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Octacosane	394	C28H58	000630-02-4	90





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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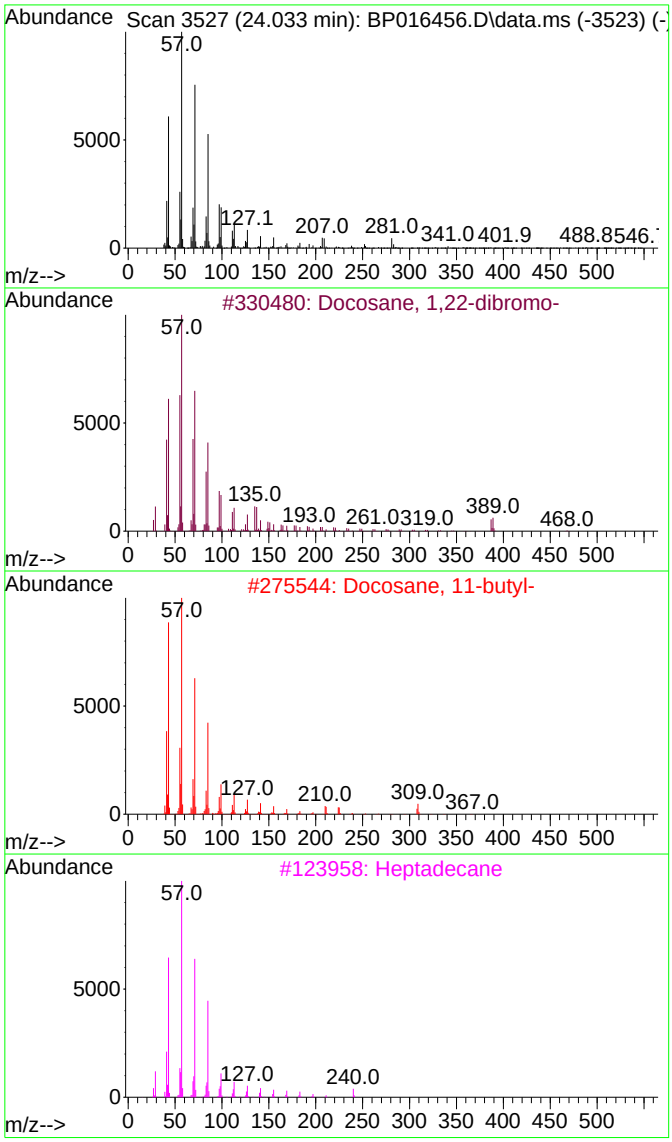
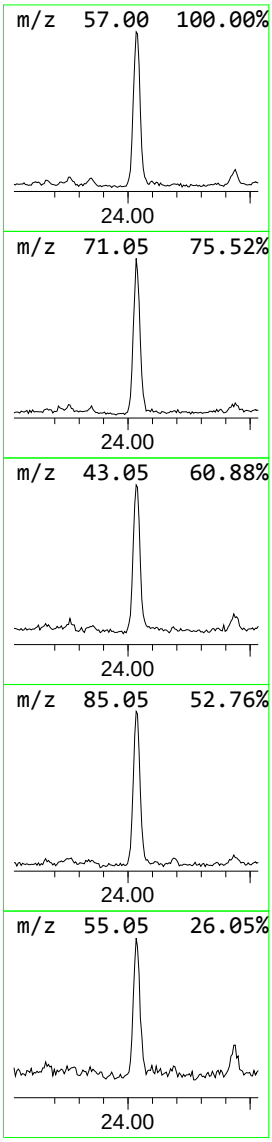
Peak Number 7 Docosane, 1,22-dibromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.033	2.73 ng	434730	Perylene-d12	24.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 1,22-dibromo-	466	C22H44Br2	034540-49-3	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexacosane	366	C26H54	000630-01-3	87
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	87





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.333	2.4	ng	527943	4	17.492	4442790	20.0
1-Heneicosyl fo...	21.251	6.5	ng	1177400	5	21.586	3596990	20.0
Eicosane	21.704	3.2	ng	576838	5	21.586	3596990	20.0
Nonadecane	22.192	3.9	ng	698493	5	21.586	3596990	20.0
2-Bromo dodecane	22.733	3.6	ng	644727	5	21.586	3596990	20.0
Heptadecane, 9-...	23.339	3.7	ng	593061	6	24.186	3184710	20.0
Docosane, 1,22-...	24.033	2.7	ng	434730	6	24.186	3184710	20.0