LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143583.D
Acq On : 22 Aug 2025 20:20
Operator : RC/JU
Sample : Q2892-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

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_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143583.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.246	3	9	20	rVB	521266	813546	34.69%	4.590%
2	5.157	494	504	519	rBV	121606	200726	8.56%	1.132%
3	5.563	567	573	597	rBV	1214502	1664115	70.97%	9.388%
4	6.557	737	742	769	rBV	1299381	1771022	75.53%	9.991%
5	6.922	799	804	813	rBV	507814	619625	26.42%	3.496%
6	7.481	893	899	911	rBV	924609	1221810	52.11%	6.893%
7	8.204	1017	1022	1039	rVB	652199	830758	35.43%	4.687%
8	9.281	1199	1205	1210	rBV	1861227	2344852	100.00%	13.228%
9	9.963	1315	1321	1333	rBV	796037	1000365	42.66%	5.643%
10	10.669	1436	1441	1450	rBV	181165	231564	9.88%	1.306%
11	10.751	1450	1455	1471	rBV	1065878	1382106	58.94%	7.797%
12	10.980	1484	1494	1499	rBV	34044	44838	1.91%	0.253%
13	11.451	1568	1574	1591	rBV	734267	978559	41.73%	5.520%
14	11.975	1657	1663	1676	rBV3	96895	187899	8.01%	1.060%
15	12.669	1776	1781	1783	rBV	33596	47917	2.04%	0.270%
16	12.692	1783	1785	1792	rVV	44624	53311	2.27%	0.301%
17	12.757	1792	1796	1807	rVV4	14565	30994	1.32%	0.175%
18	12.845	1807	1811	1815	rVV	92402	115072	4.91%	0.649%
19	12.898	1815	1820	1828	rVB	32025	58019	2.47%	0.327%
20	13.033	1837	1843	1848	rBV	1567865	1991830	84.94%	11.237%
21	13.410	1903	1907	1911	rBV2	20243	24058	1.03%	0.136%
22	13.551	1927	1931	1936	rBV	55664	69886	2.98%	0.394%
23	13.933	1990	1996	2013	rBV	54896	139091	5.93%	0.785%
24	14.092	2018	2023	2035	rVB	421536	582970	24.86%	3.289%
25	14.551	2096	2101	2105	rBV	30456	50866	2.17%	0.287%
26	15.010	2175	2179	2184	rVB	24281	32183	1.37%	0.182%
27	15.210	2208	2213	2217	rVB	86357	126778	5.41%	0.715%
28	15.592	2272	2278	2289	rBV	329036	524636	22.37%	2.960%
29	15.810	2310	2315	2321	rVB	17360	29363	1.25%	0.166%
30	16.051	2349	2356	2363	rBV	159799	278072	11.86%	1.569%
31	16.574	2440	2445	2452	rVB3	15077	29484	1.26%	0.166%
32	16.874	2491	2496	2502	rVB2	14521	28686	1.22%	0.162%
33	17.186	2542	2549	2560	rVB	72508	166412	7.10%	0.939%
34	18.786	2816	2821	2841	rVB	16132	54574	2.33%	0.308%

Sum of corrected areas: 17725987

Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143583.D
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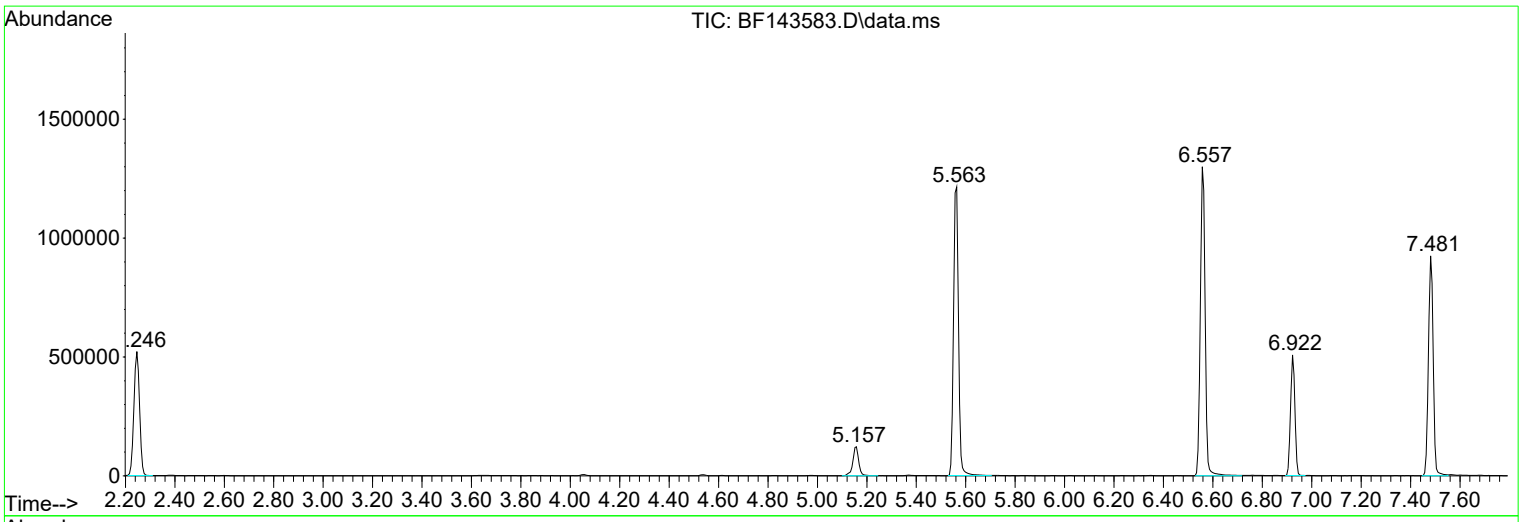
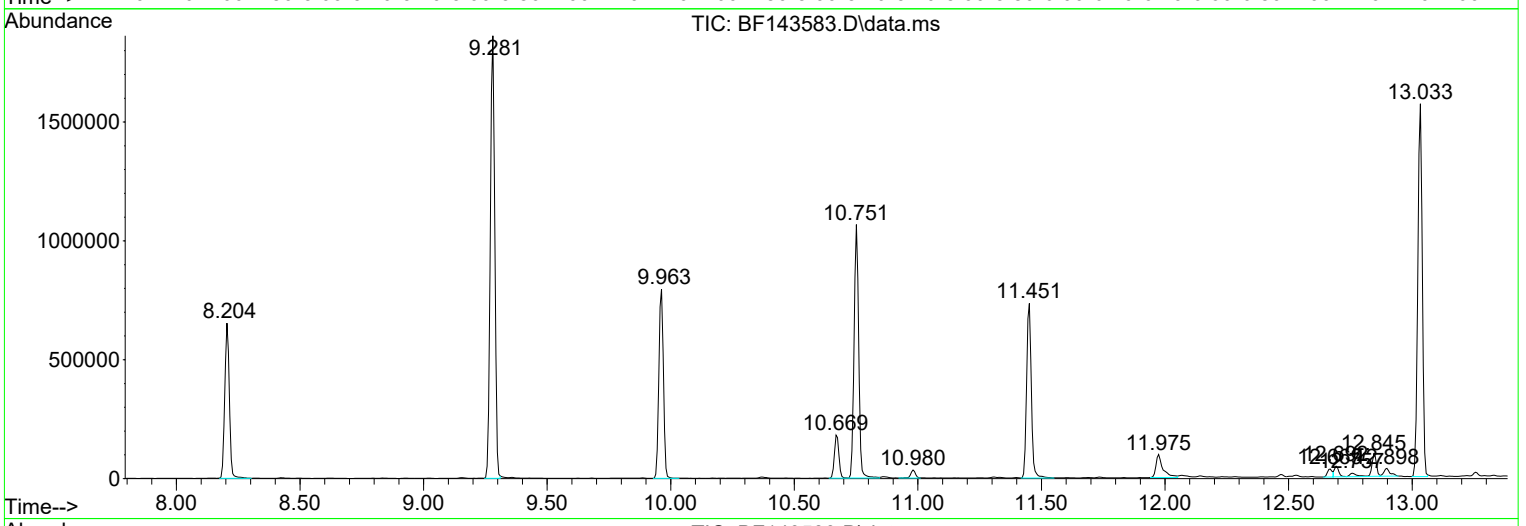
Operator : RC/JU
Sample : Q2892-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

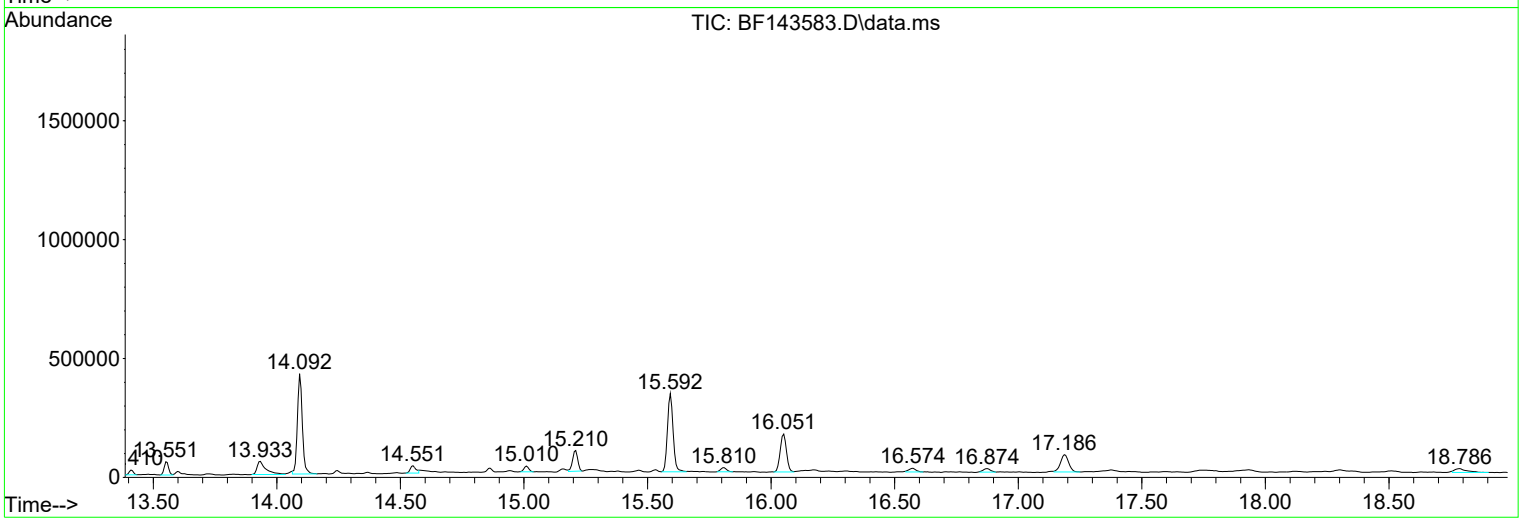
Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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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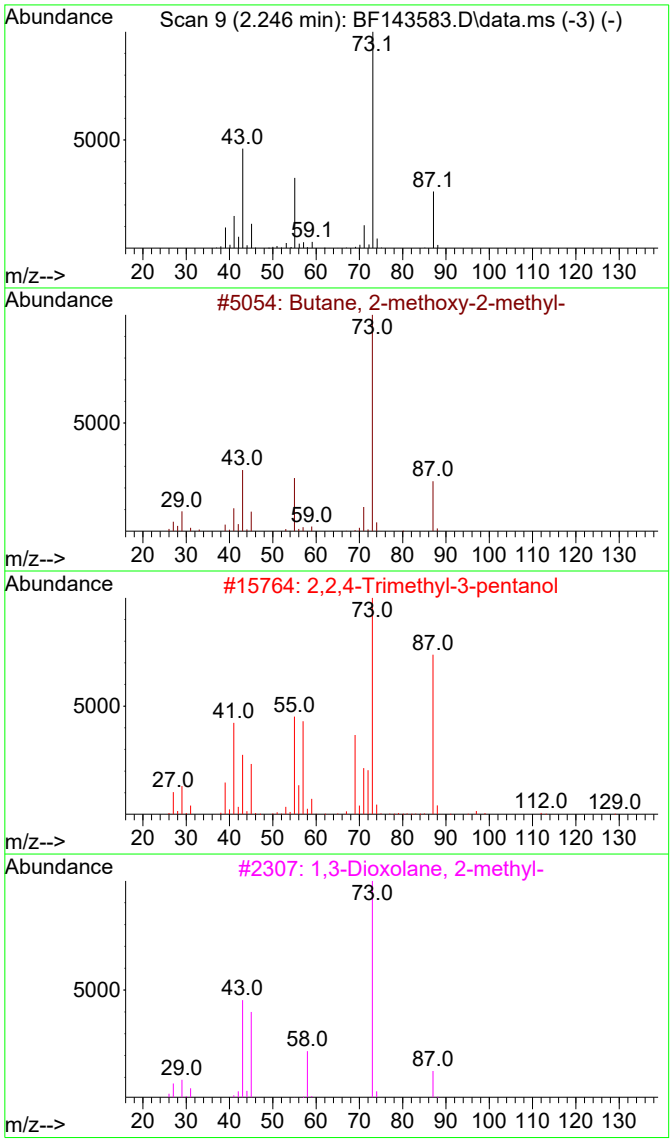
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

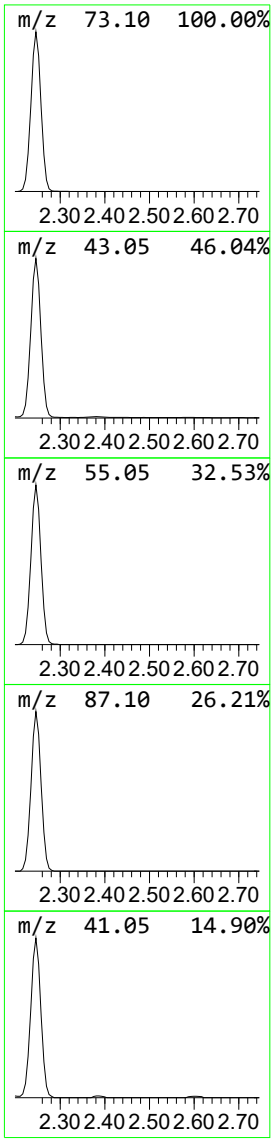
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.246	26.26 ng	813546	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Operator : RC/JU
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Misc :
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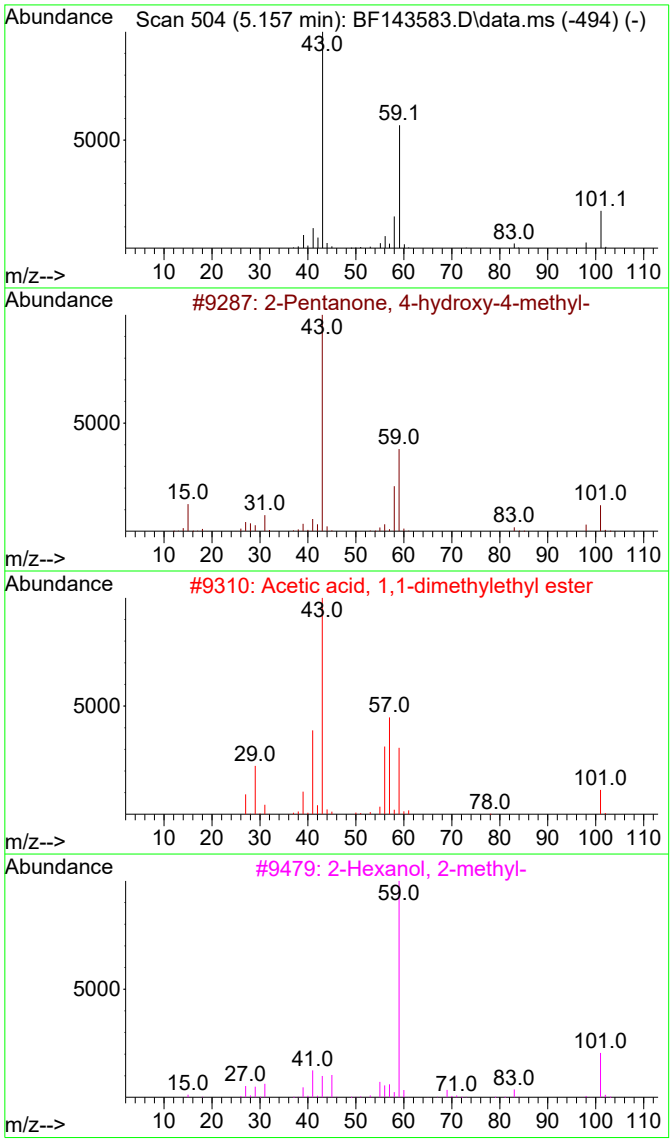
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

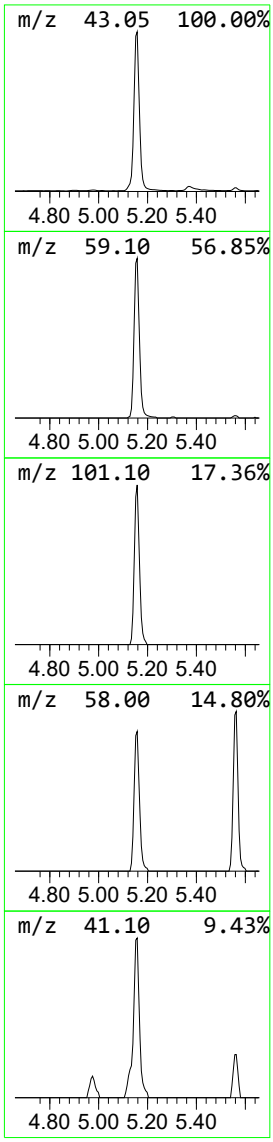
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	6.48 ng	200726	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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TIC Library : C:\Database\NIST20.L
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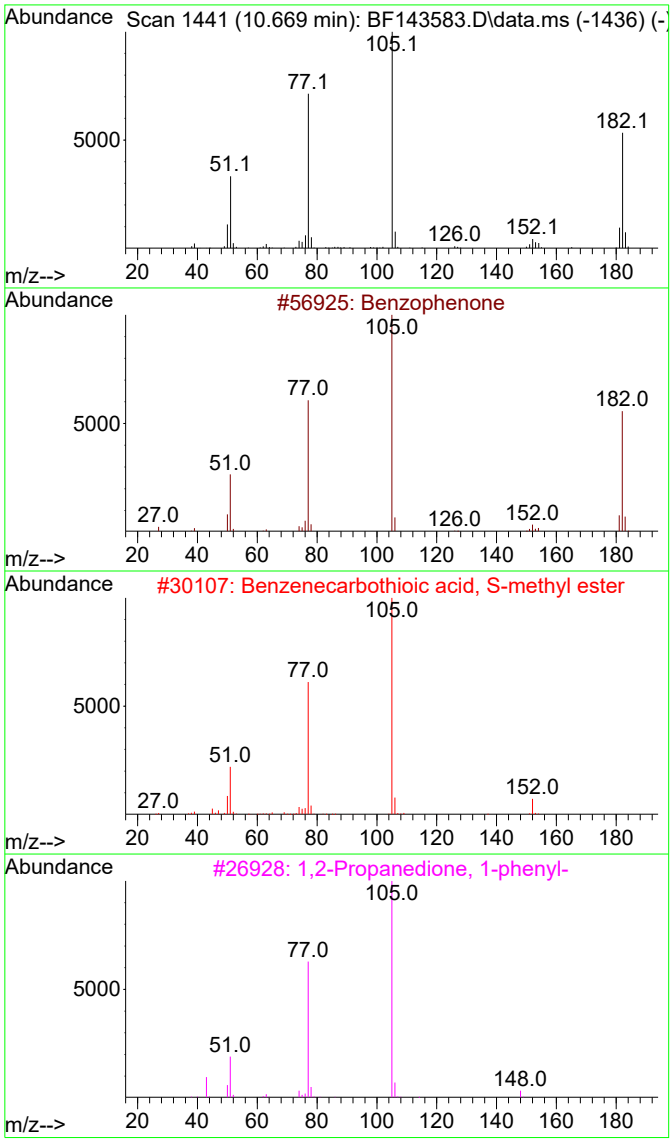
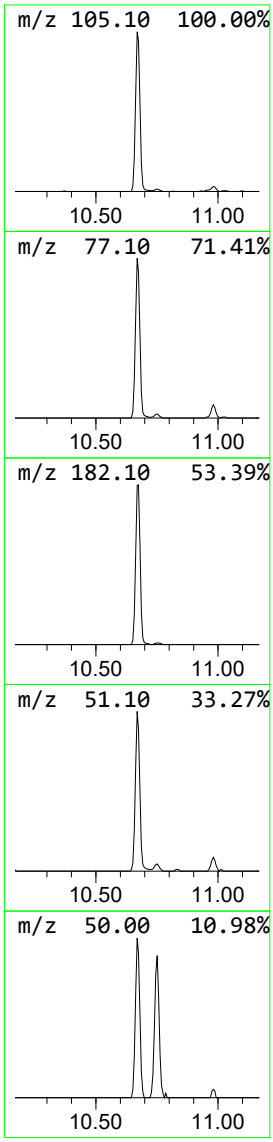
****

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	4.63 ng	231564	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143583.D
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Operator : RC/JU
Sample : Q2892-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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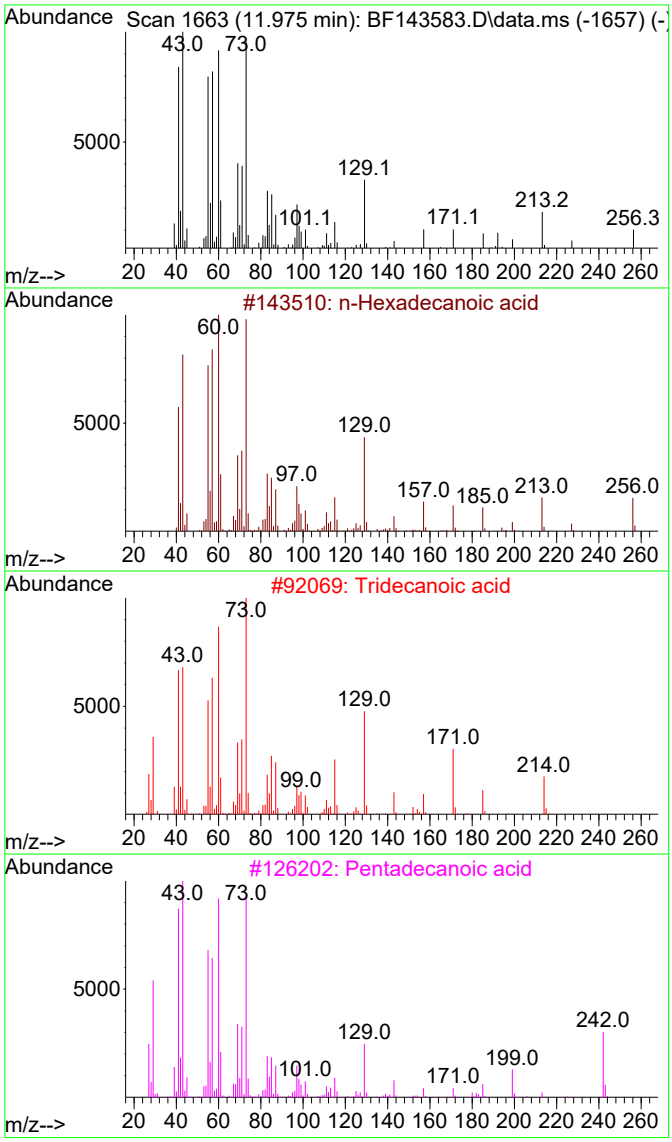
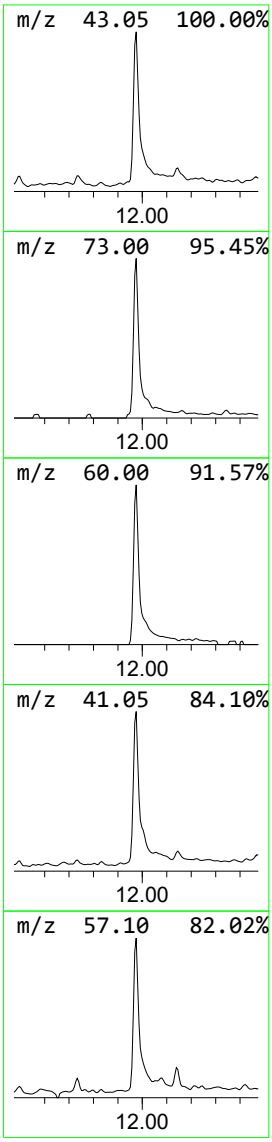
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.84 ng	187899	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
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Operator : RC/JU
Sample : Q2892-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

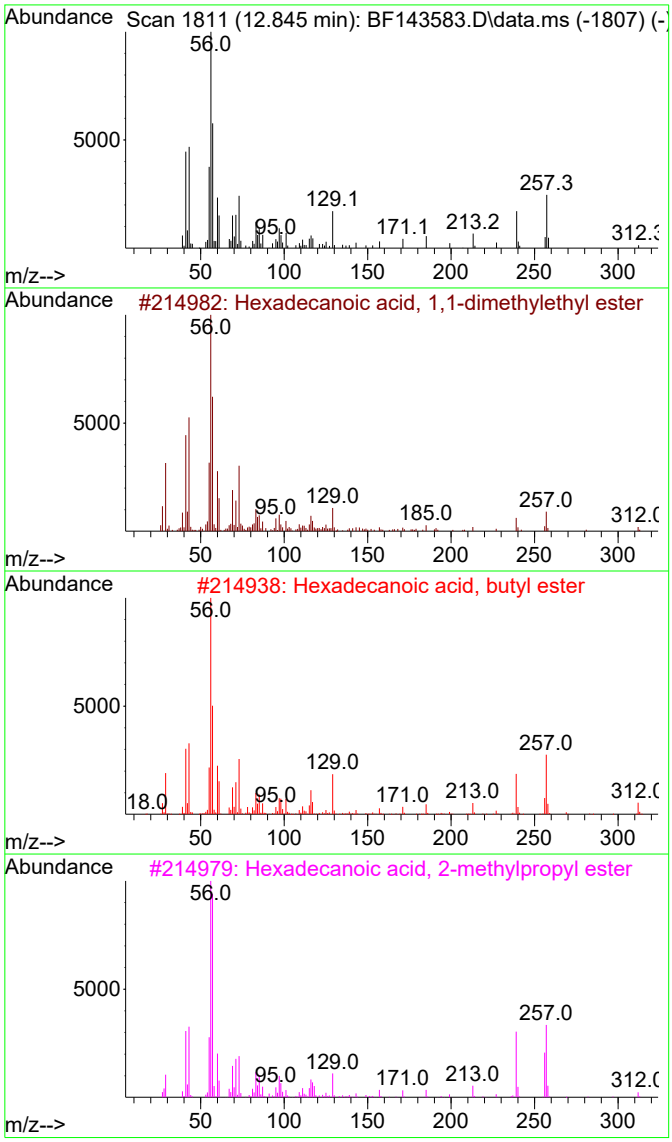
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

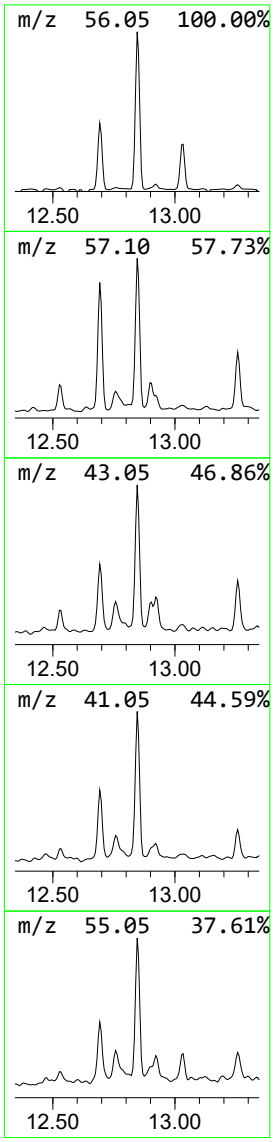
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.845	3.95 ng	115072	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	90
4	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30





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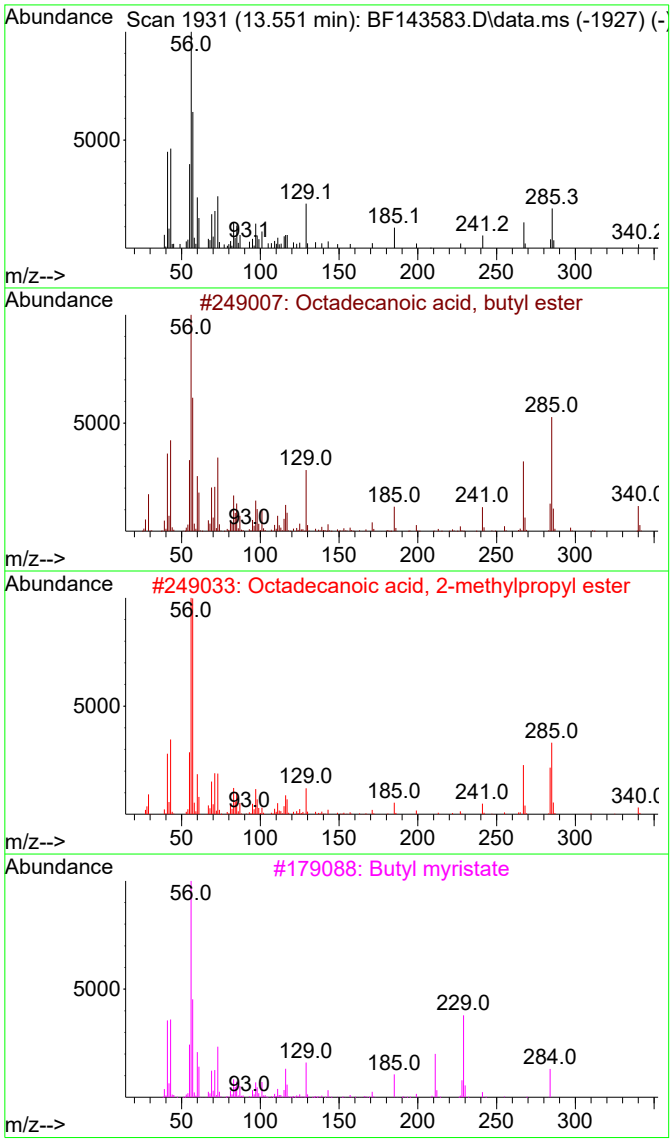
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

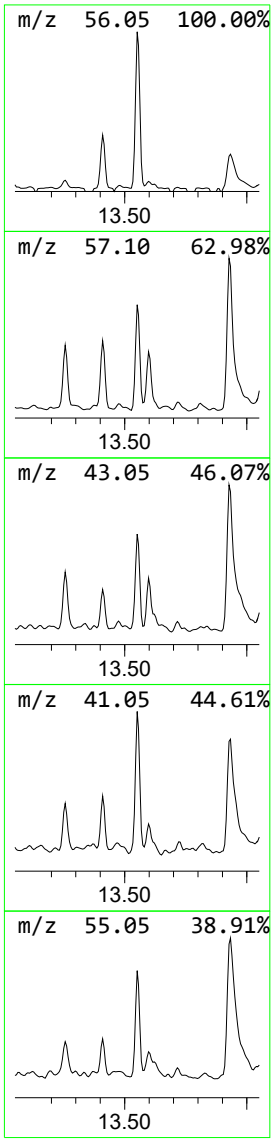
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	2.40 ng	69886	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	97
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	86
3	Butyl myristate	284	C18H36O2	000110-36-1	72
4	(n-Butylthio)acetonitrile	129	C6H11NS	071037-08-6	50
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35





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Sample : Q2892-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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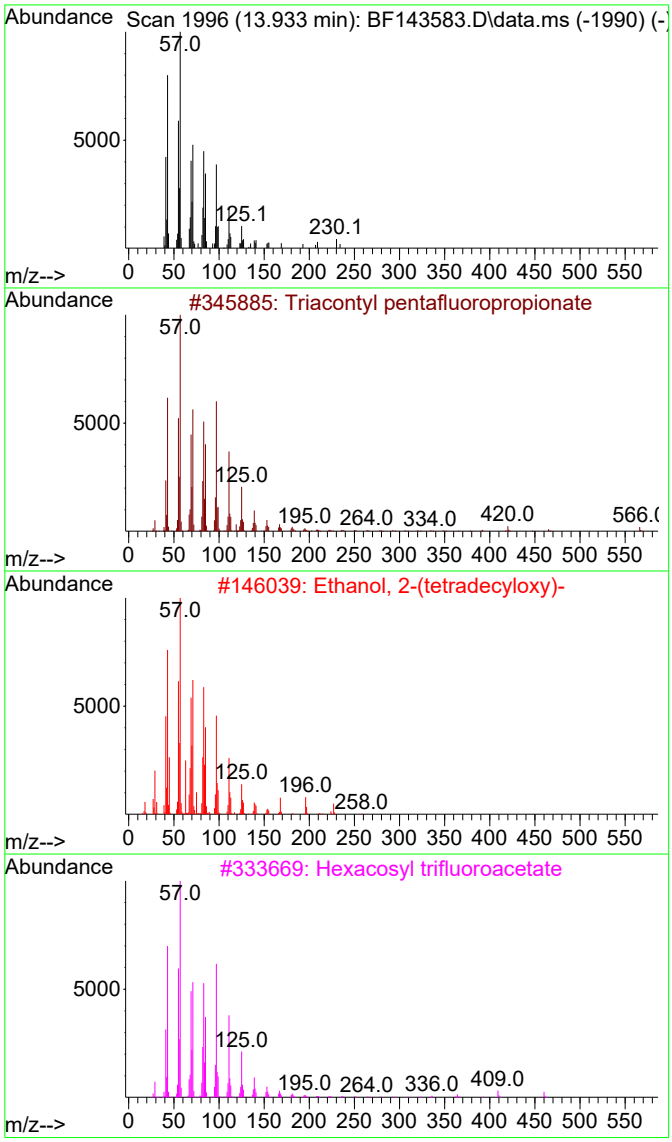
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

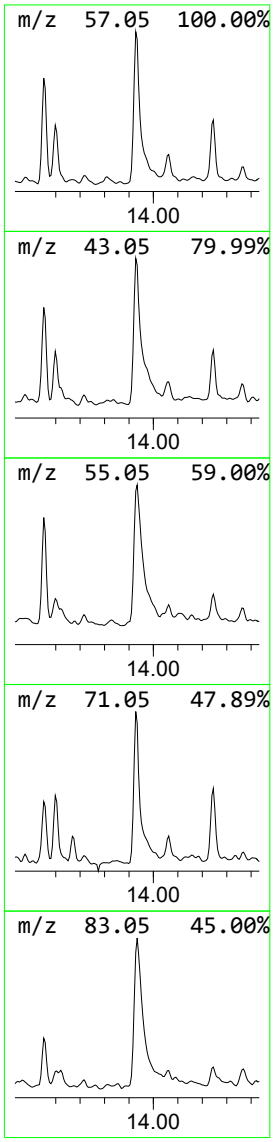
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Triacontyl pentafluoropropi... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	4.77 ng	139091	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
4	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

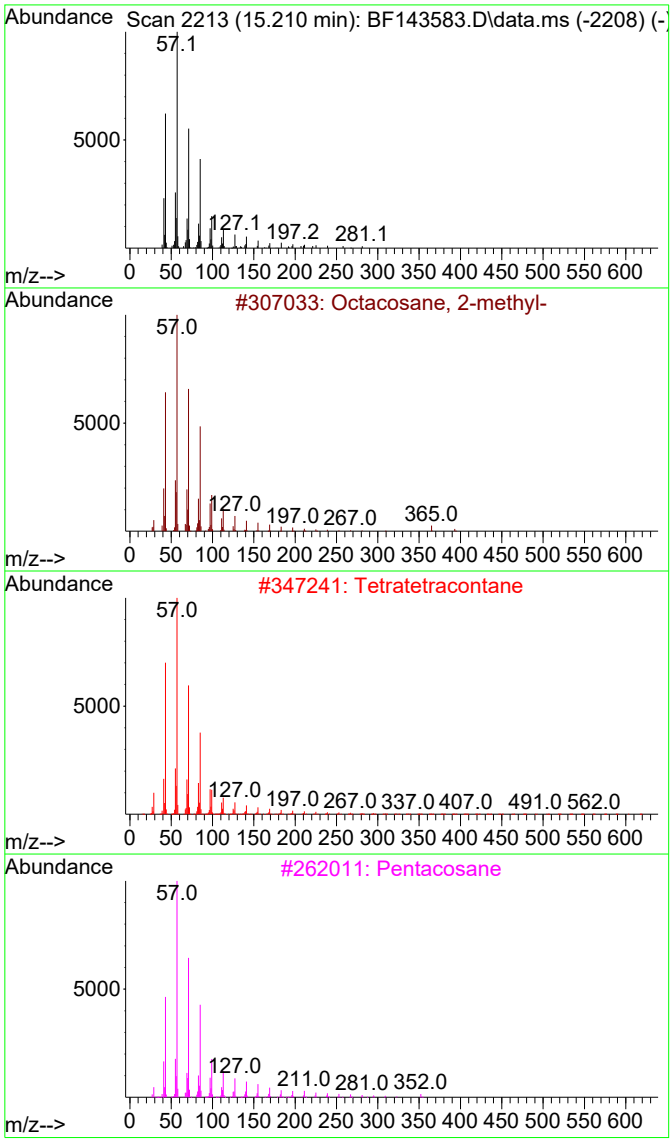
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

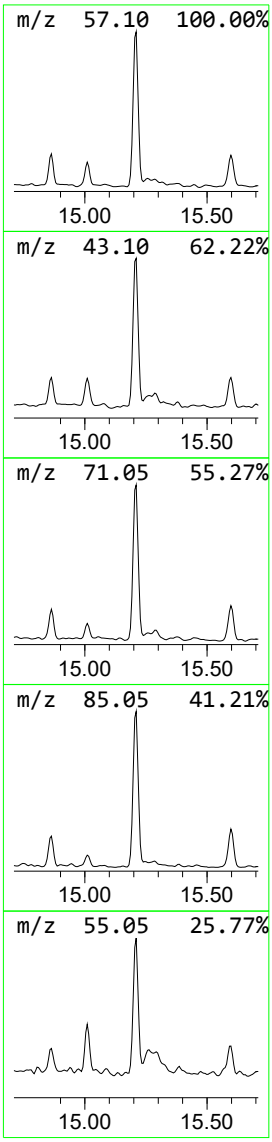
****

Peak Number 8 Octacosane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	4.83 ng	126778	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Sample : Q2892-04
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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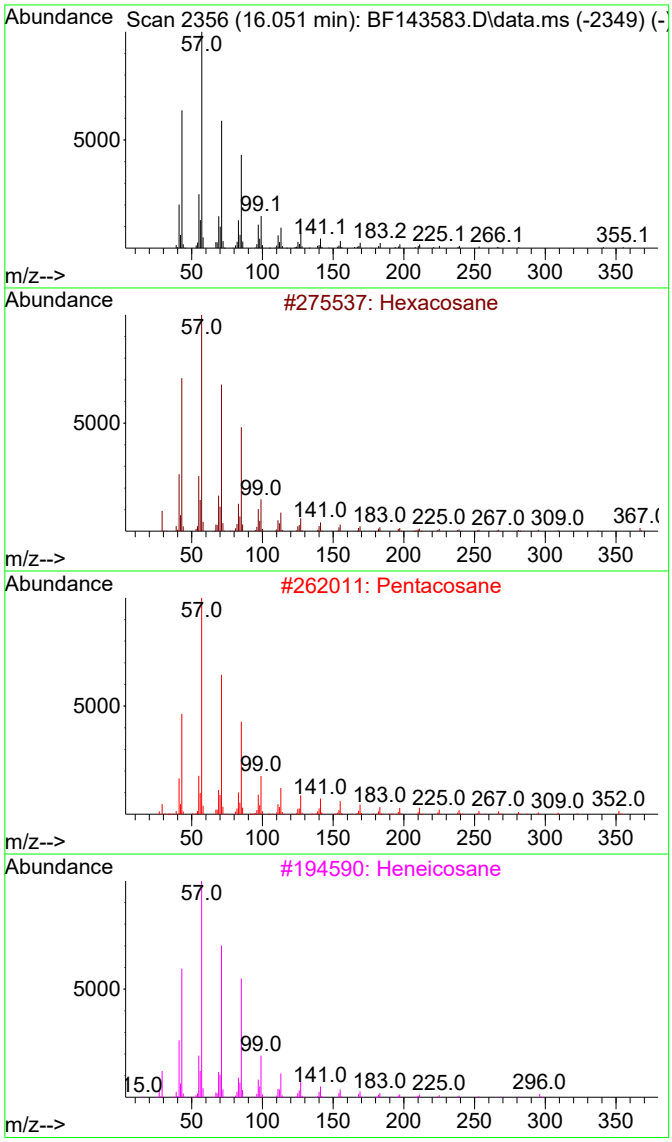
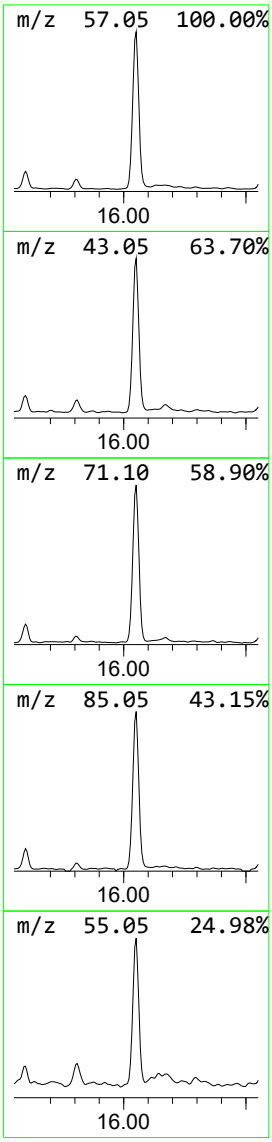
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	10.60 ng	278072	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





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Data File : BF143583.D
Acq On : 22 Aug 2025 20:20
Operator : RC/JU
Sample : Q2892-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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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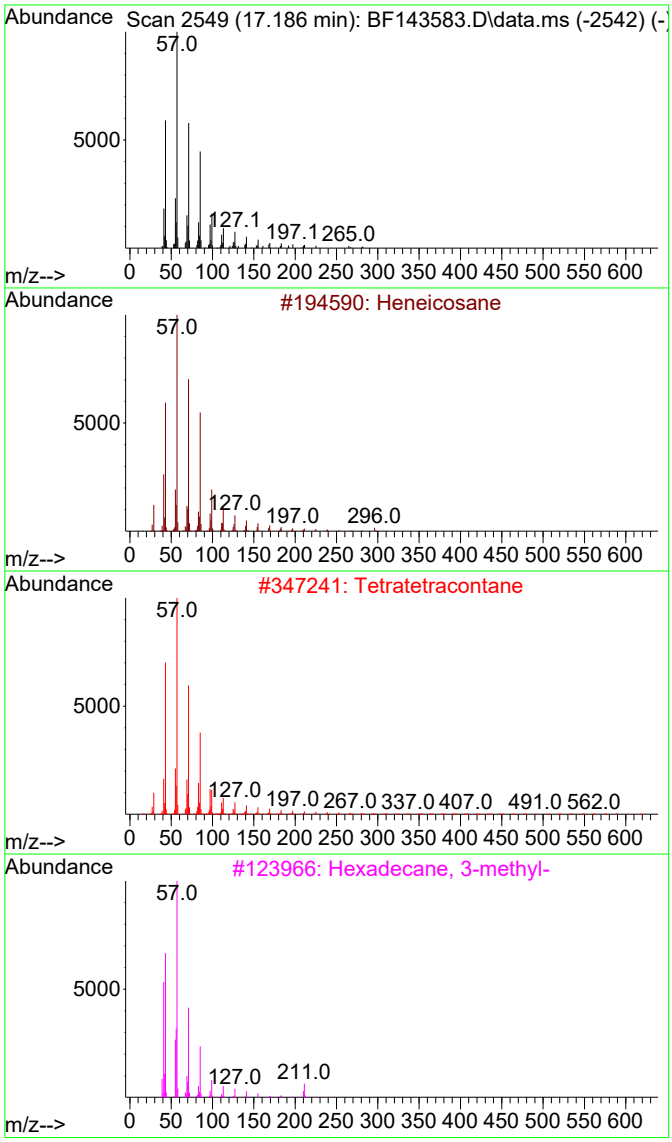
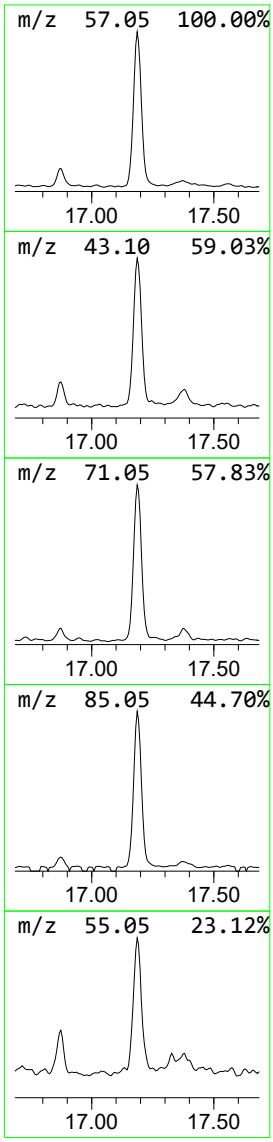
Peak Number 10 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	6.34 ng	166412	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	91
4	Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	91
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143583.D
Acq On : 22 Aug 2025 20:20
Operator : RC/JU
Sample : Q2892-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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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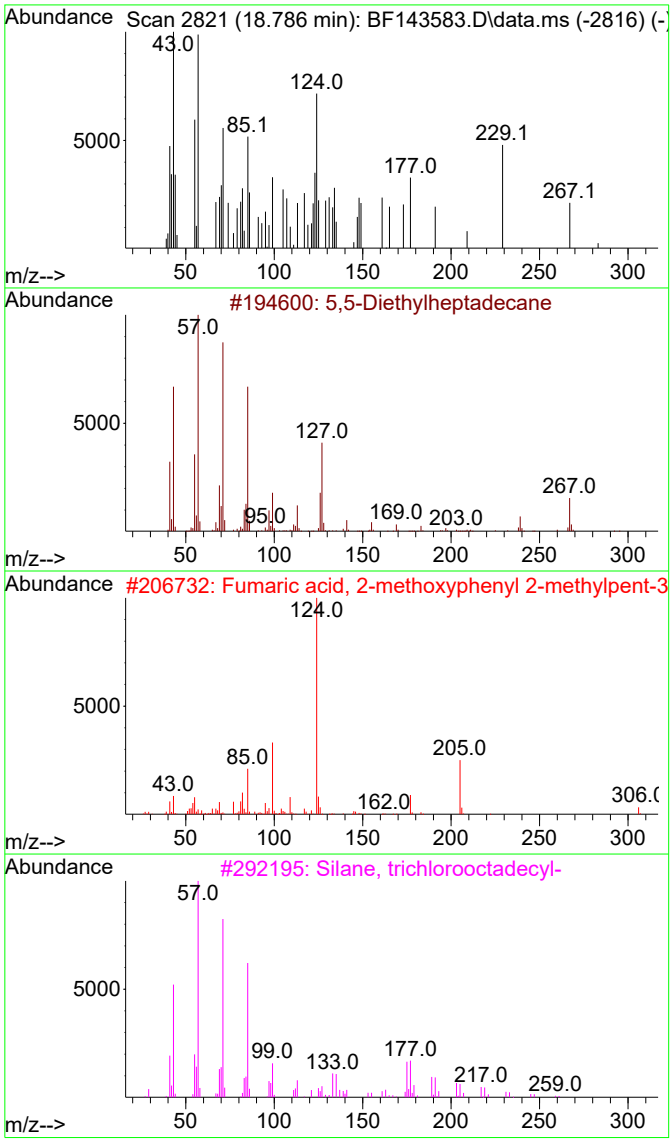
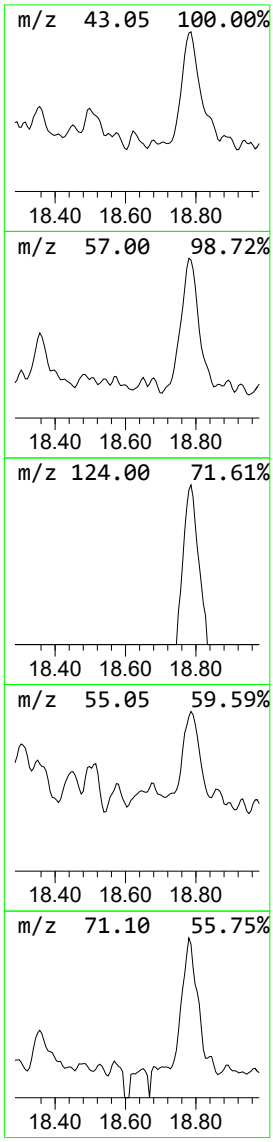
Peak Number 11 unknown18.786 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.786	2.08 ng	54574	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Diethylheptadecane	296	C21H44	1010360-41-7	9
2	Fumaric acid, 2-methoxyphenyl 2-...	306	C17H22O5	1000405-92-9	9
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	9
4	Diglycolic acid, 2-formylphenyl ...	322	C17H22O6	1000382-31-1	9
5	Silane, trichlorodecyl-	274	C10H21Cl3Si	013829-21-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143583.D
Acq On : 22 Aug 2025 20:20
Operator : RC/JU
Sample : Q2892-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.246	26.3	ng	813546	1	6.922	619625	20.0
2-Pentanone, 4-...	5.157	6.5	ng	200726	1	6.922	619625	20.0
Benzophenone	10.669	4.6	ng	231564	3	9.963	1000370	20.0
n-Hexadecanoic ...	11.975	3.8	ng	187899	4	11.451	978559	20.0
Hexadecanoic ac...	12.845	4.0	ng	115072	5	14.092	582970	20.0
Octadecanoic ac...	13.551	2.4	ng	69886	5	14.092	582970	20.0
Triacontyl pent...	13.933	4.8	ng	139091	5	14.092	582970	20.0
Octacosane, 2-m...	15.210	4.8	ng	126778	6	15.592	524636	20.0
Hexacosane	16.051	10.6	ng	278072	6	15.592	524636	20.0
Heneicosane	17.186	6.3	ng	166412	6	15.592	524636	20.0
unknown18.786	18.786	2.1	ng	54574	6	15.592	524636	20.0