LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025500.D
Acq On : 20 Aug 2025 08:38
Operator : CG/JU
Sample : Q2819-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
11M-W

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025500.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	12	17	32	rVB	1241429	1521063	14.60%	2.893%
2	4.943	336	341	353	rVB	263795	375176	3.60%	0.713%
3	5.402	413	419	432	rBV	2646726	4027827	38.65%	7.660%
4	6.966	676	685	704	rBV	2535129	4325644	41.51%	8.226%
5	7.790	817	825	832	rBV	591027	929314	8.92%	1.767%
6	8.931	1010	1019	1031	rBV	1719805	2856712	27.41%	5.433%
7	10.560	1287	1296	1307	rBV	756626	1270542	12.19%	2.416%
8	13.007	1705	1712	1732	rBV	3936658	6459803	61.98%	12.285%
9	14.401	1941	1949	1968	rBV	1126583	1824854	17.51%	3.470%
10	15.778	2175	2183	2192	rBV	669706	1013739	9.73%	1.928%
11	15.907	2197	2205	2222	rBV	3693193	5724449	54.93%	10.887%
12	16.348	2275	2280	2290	rVB	110187	171669	1.65%	0.326%
13	17.195	2417	2424	2435	rBV2	1468080	2290284	21.98%	4.356%
14	18.136	2578	2584	2593	rBV	596395	896574	8.60%	1.705%
15	19.372	2790	2794	2801	rVB	321064	408354	3.92%	0.777%
16	19.466	2806	2810	2819	rBV	240995	369135	3.54%	0.702%
17	19.619	2832	2836	2842	rVB	631374	771036	7.40%	1.466%
18	19.919	2880	2887	2895	rBV	6833906	10421725	100.00%	19.820%
19	20.507	2983	2987	2993	rBV	232155	283794	2.72%	0.540%
20	20.713	3018	3022	3028	rBV	482527	617788	5.93%	1.175%
21	21.313	3119	3124	3137	rBV2	361341	682836	6.55%	1.299%
22	21.636	3174	3179	3186	rBV2	1655711	2675769	25.67%	5.089%
23	25.007	3744	3752	3762	rVB2	953432	2664905	25.57%	5.068%

Sum of corrected areas: 52582992

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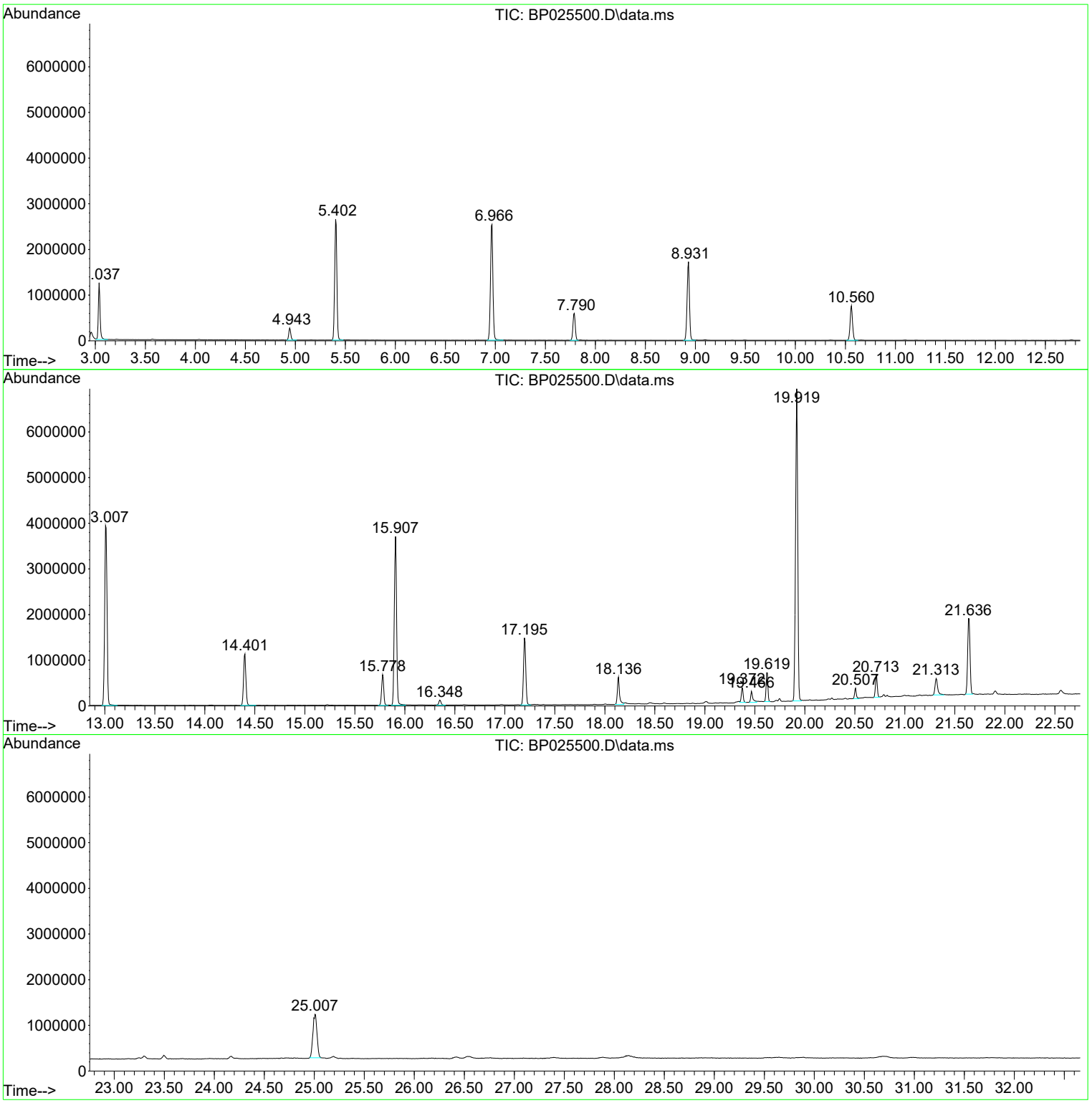
Instrument :
BNA_P
ClientSampleId :
11M-W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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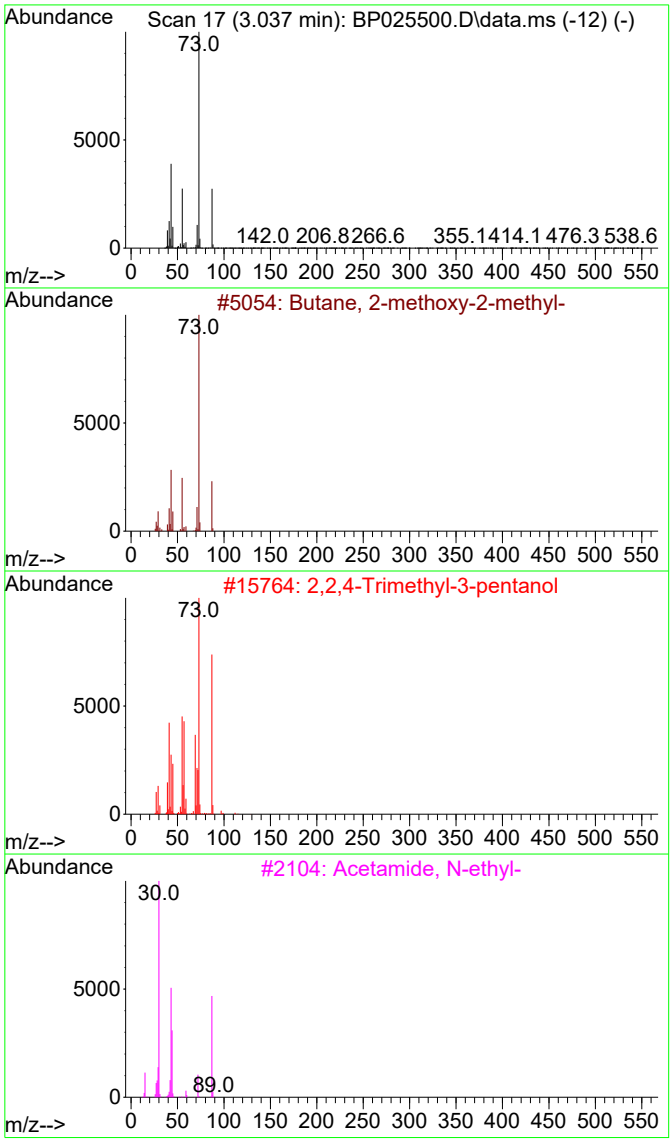
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

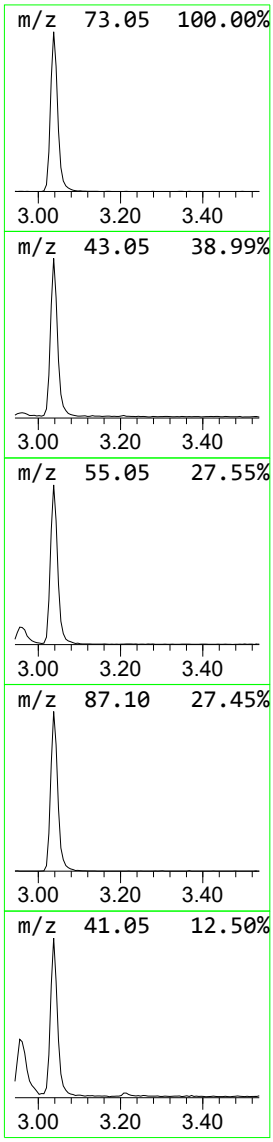
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	32.74 ng	1521060	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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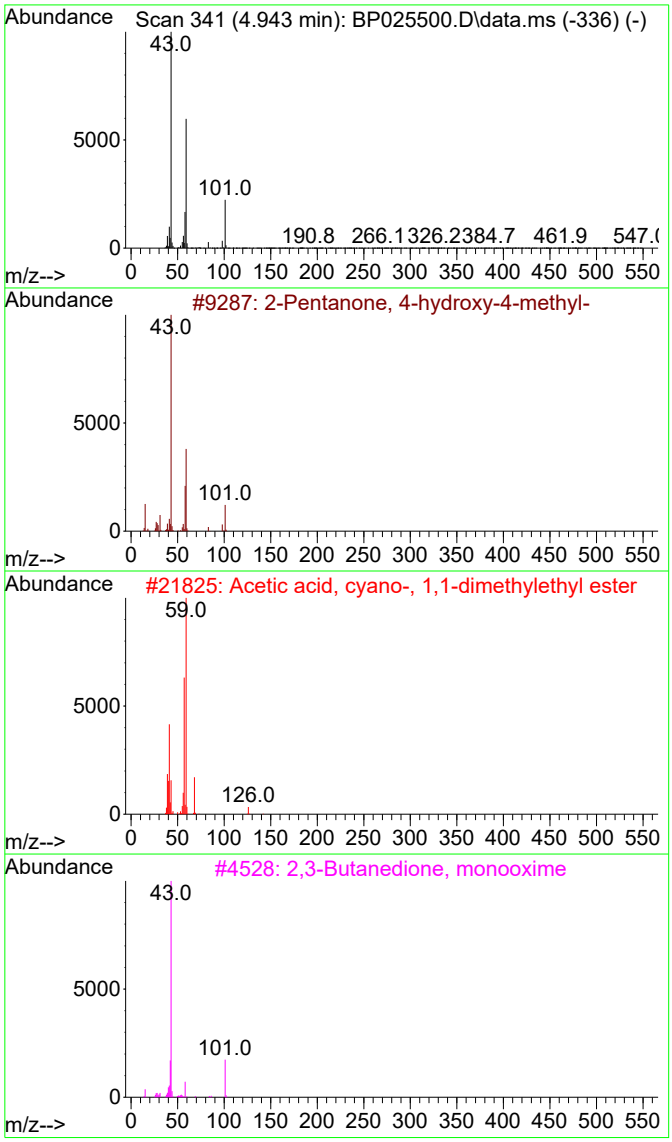
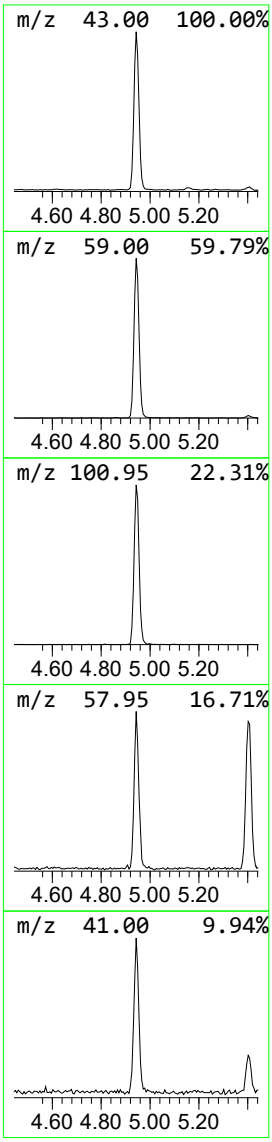
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	8.07 ng	375176	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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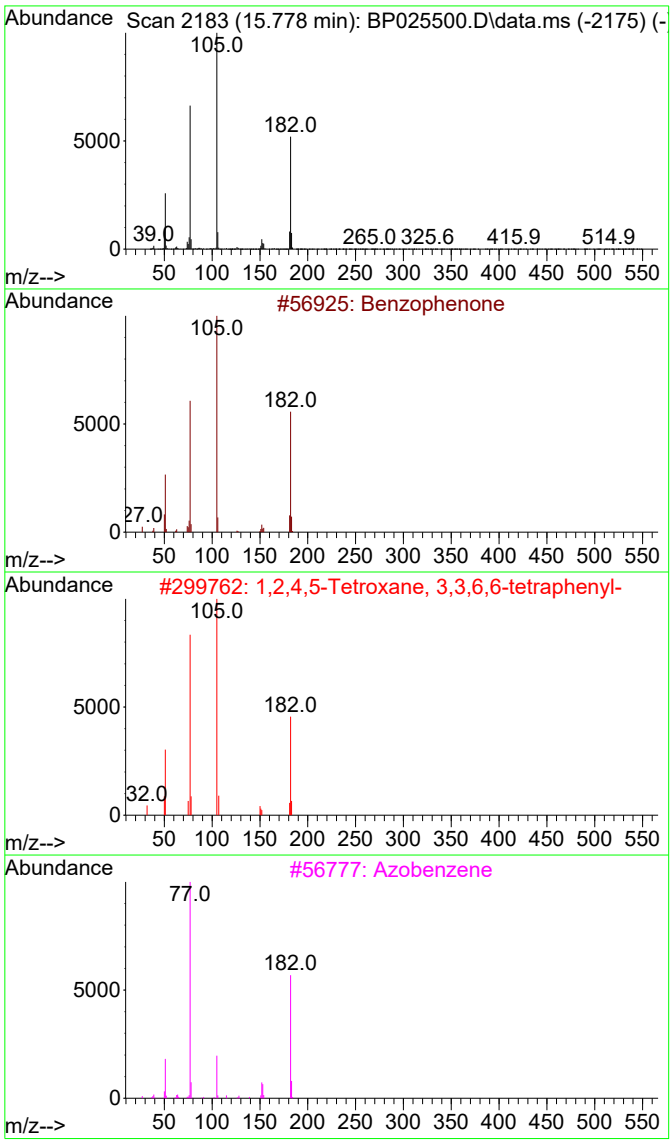
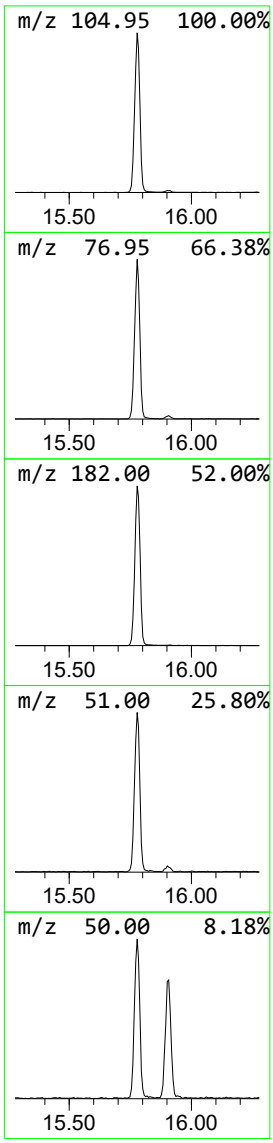
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	11.11 ng	1013740	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Azobenzene	182	C12H10N2	000103-33-3	59
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45





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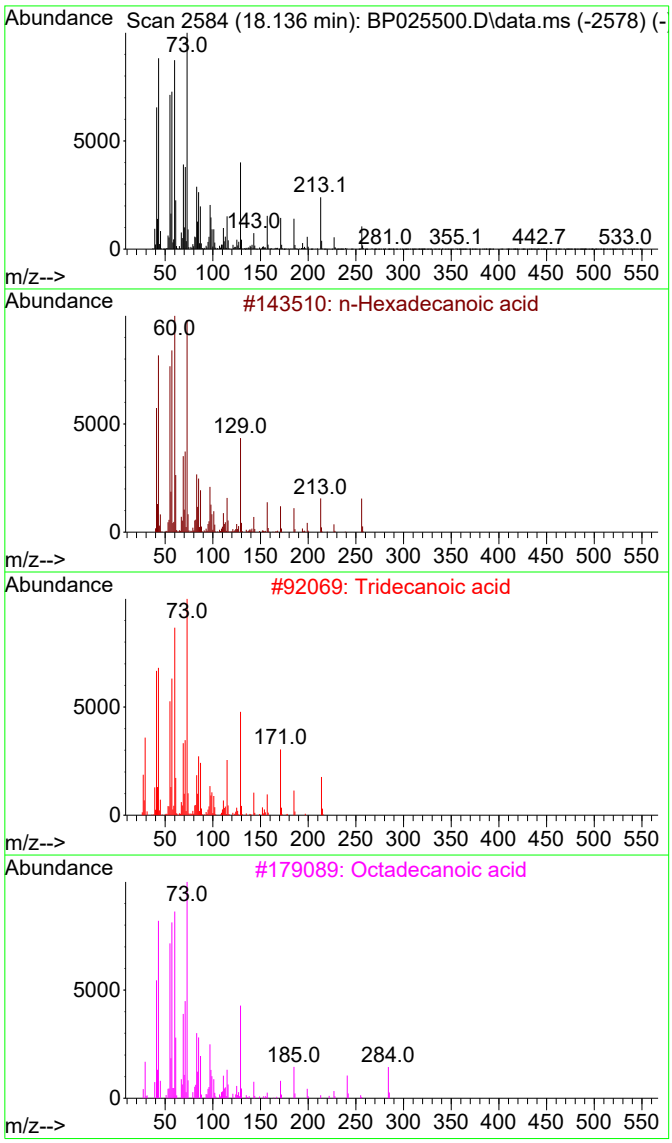
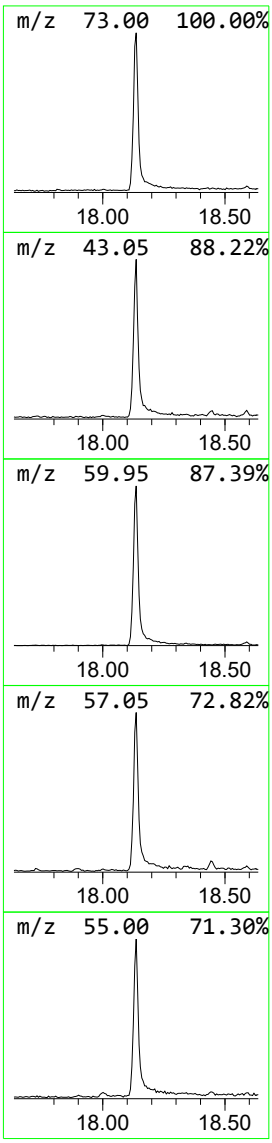
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	7.83 ng	896574	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
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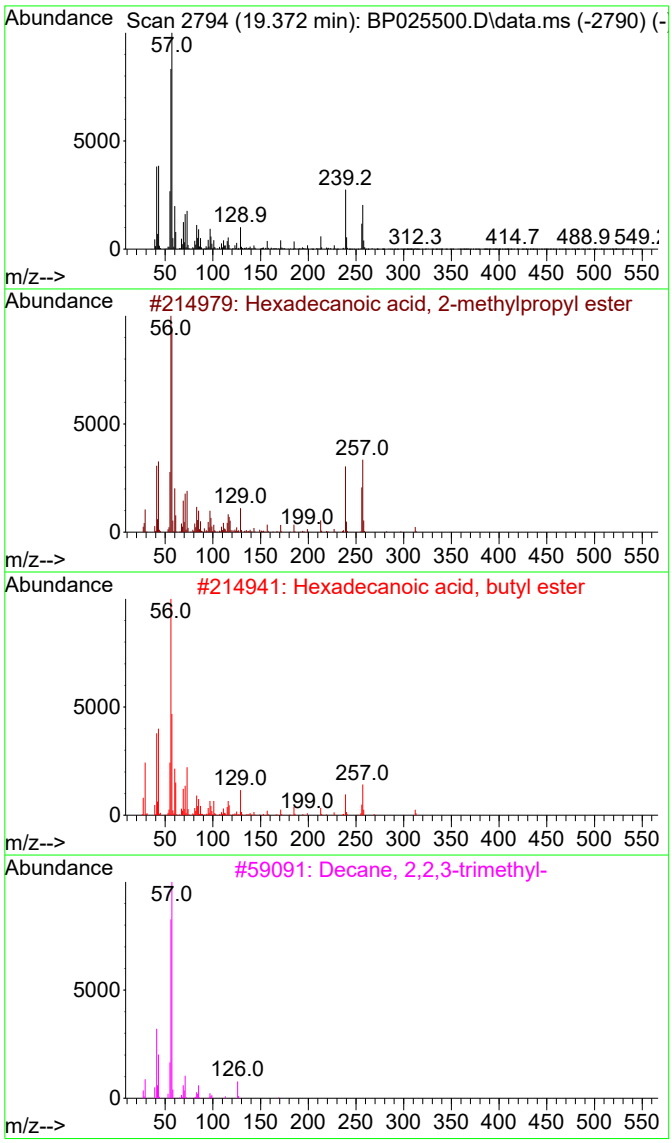
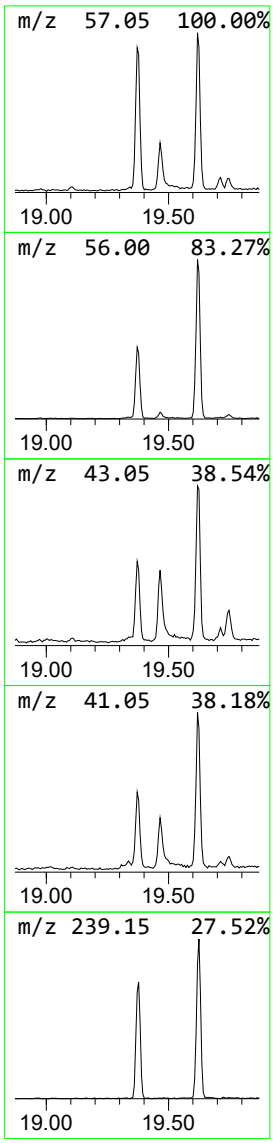
****
Peak Number 5 Hexadecanoic acid, 2-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.372	3.57 ng	408354	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	87
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	58
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35
4	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	35
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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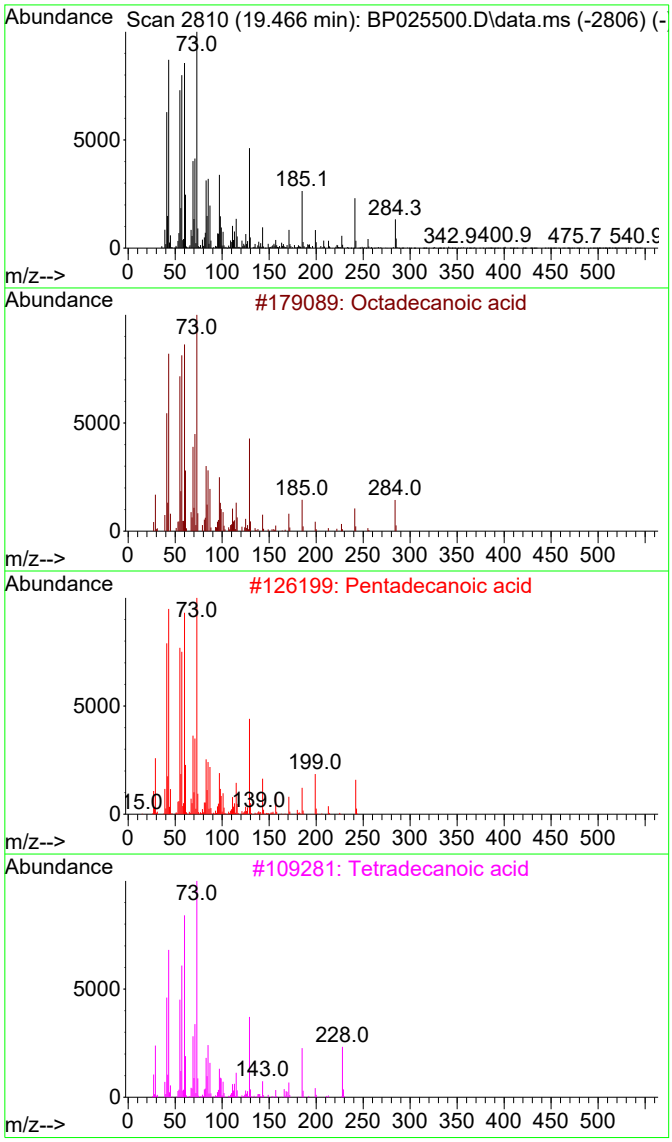
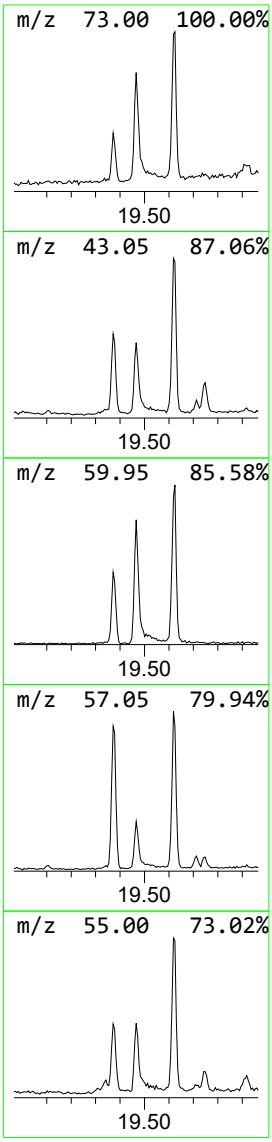
****

Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.466	2.76 ng	369135	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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11M-W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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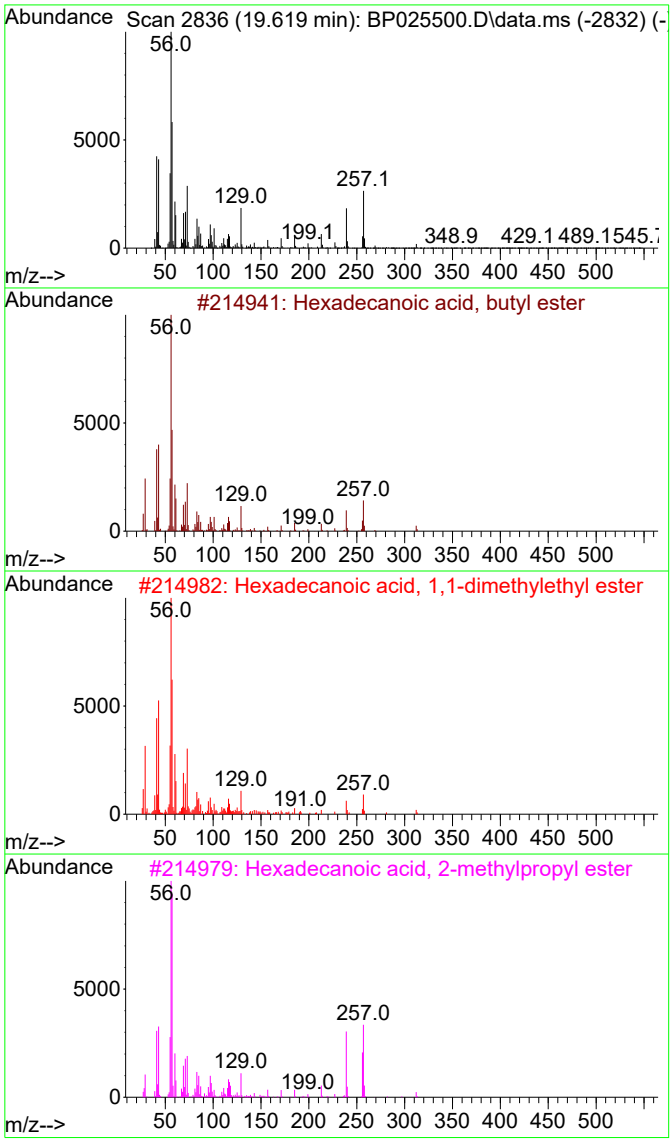
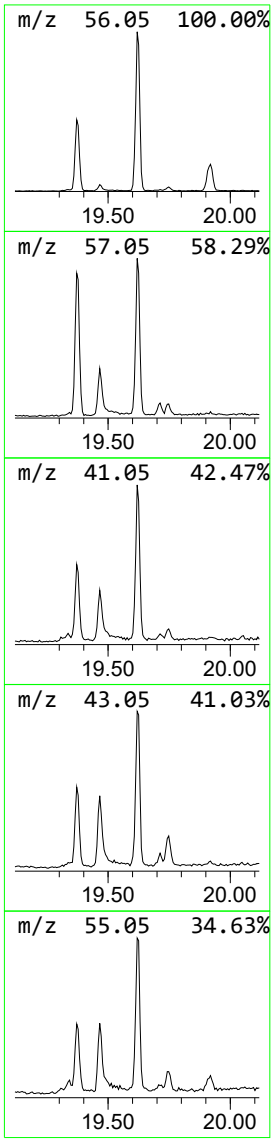
****

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.619	5.76 ng	771036	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	90
4	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	35
5	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35





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TIC Library : C:\Database\NIST20.L
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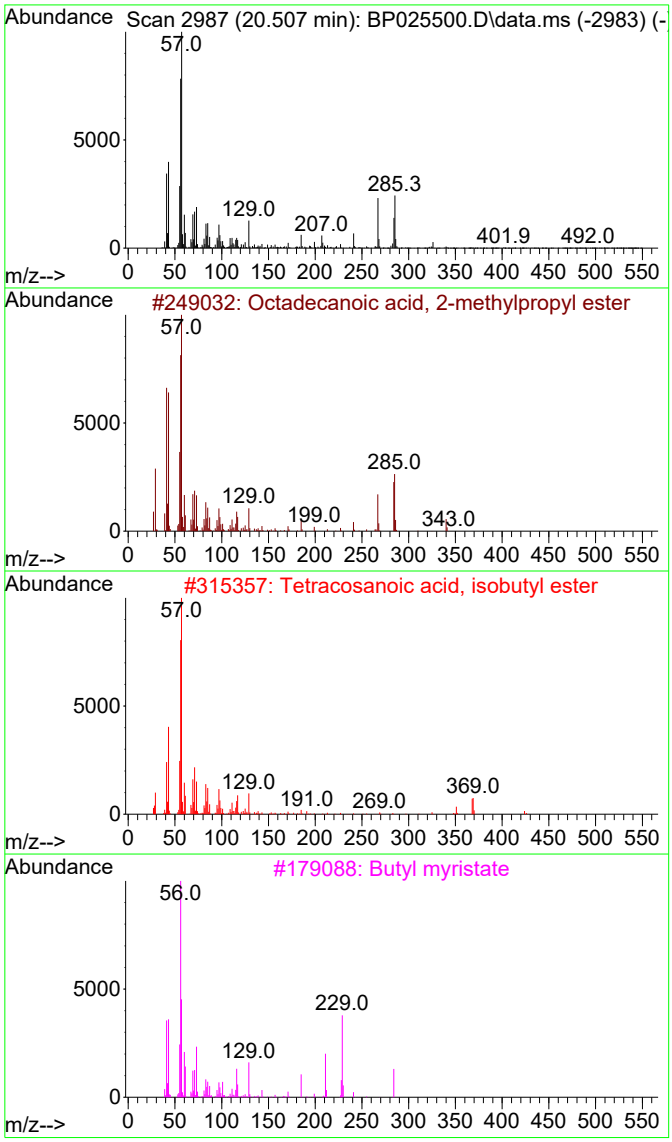
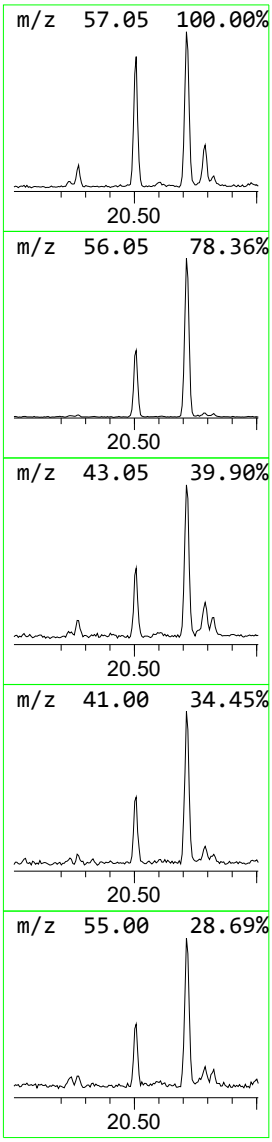
****
Peak Number 8 Octadecanoic acid, 2-methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.507	2.12 ng	283794	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	86
2	Tetracosanoic acid, isobutyl ester	424	C28H56O2	1010405-17-3	60
3	Butyl myristate	284	C18H36O2	000110-36-1	58
4	2-(Piperazin-1-yl)-5,6,7,8-tetra...	267	C15H17N5	1000409-75-8	43
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35





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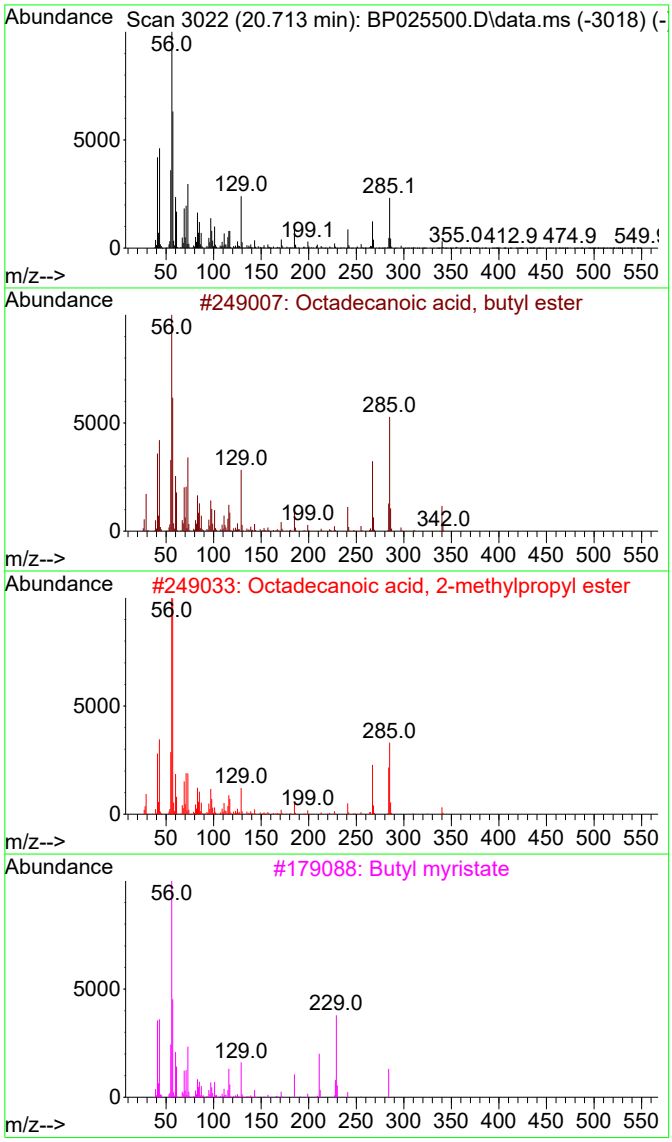
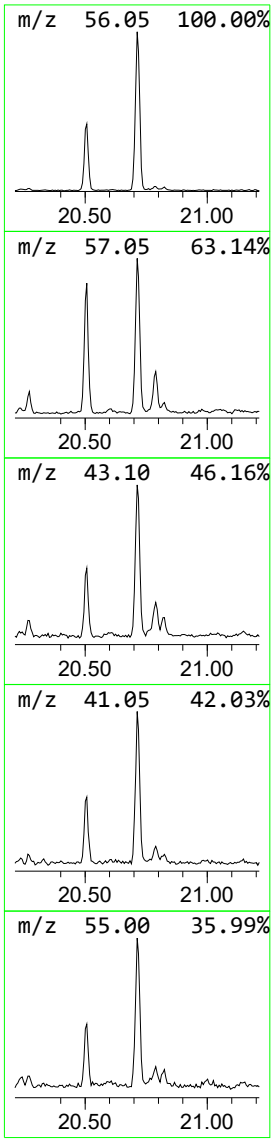
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.713	4.62 ng	617788	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	99
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	70
3	Butyl myristate	284	C18H36O2	000110-36-1	68
4	Cyclohexylamine	99	C6H13N	000108-91-8	30
5	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	27





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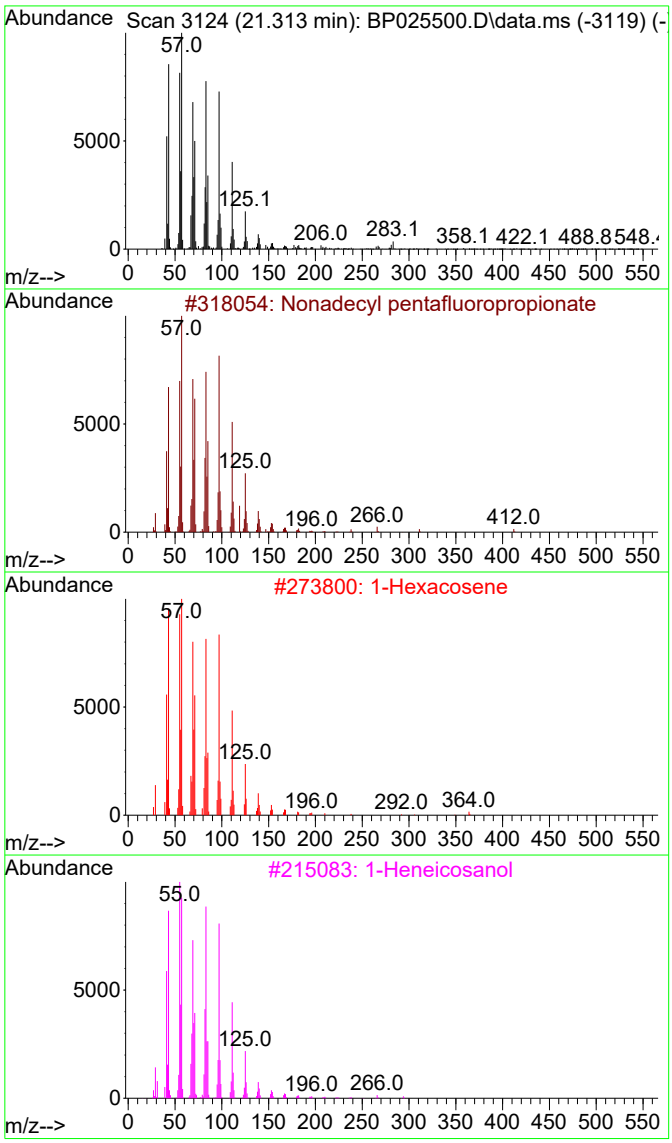
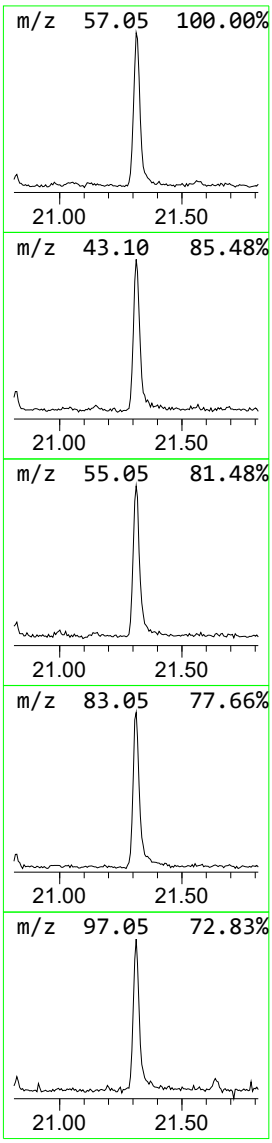
****
Peak Number 10 Nonadecyl pentafluoropropio... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.313	5.10 ng	682836	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025500.D
Acq On : 20 Aug 2025 08:38
Operator : CG/JU
Sample : Q2819-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
11M-W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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...	3.037	32.7	ng	1521060	1	7.790	929314	20.0
2-Pentanone, 4-...	4.943	8.1	ng	375176	1	7.790	929314	20.0
Benzophenone	15.778	11.1	ng	1013740	3	14.401	1824850	20.0
n-Hexadecanoic ...	18.136	7.8	ng	896574	4	17.195	2290280	20.0
Hexadecanoic ac...	19.372	3.6	ng	408354	4	17.195	2290280	20.0
Octadecanoic acid	19.466	2.8	ng	369135	5	21.636	2675770	20.0
Hexadecanoic ac...	19.619	5.8	ng	771036	5	21.636	2675770	20.0
Octadecanoic ac...	20.507	2.1	ng	283794	5	21.636	2675770	20.0
Octadecanoic ac...	20.713	4.6	ng	617788	5	21.636	2675770	20.0
Nonadecyl penta...	21.313	5.1	ng	682836	5	21.636	2675770	20.0