LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025830.D
Acq On : 23 Sep 2025 15:14
Operator : CG/JU
Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-121

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	32	rVB	5446280	6803520	43.08%	7.520%
2	5.384	408	416	431	rBV	1707157	2774818	17.57%	3.067%
3	6.966	678	685	701	rBV	1070501	2047350	12.96%	2.263%
4	7.372	745	754	778	rBV	4540447	7905234	50.05%	8.738%
5	7.749	812	818	825	rVB	665548	1017841	6.44%	1.125%
6	8.896	1005	1013	1028	rBV	2285242	3886807	24.61%	4.296%
7	10.519	1281	1289	1299	rBV	763652	1409592	8.93%	1.558%
8	12.978	1700	1707	1719	rBV	5381707	7942022	50.29%	8.779%
9	14.372	1938	1944	1952	rVB	1126858	1727539	10.94%	1.910%
10	14.995	2044	2050	2064	rVB2	329087	890998	5.64%	0.985%
11	15.125	2068	2072	2077	rVB	238825	331927	2.10%	0.367%
12	15.366	2102	2113	2115	rBV	1002167	2087638	13.22%	2.308%
13	15.425	2118	2123	2125	rVV	1709939	3566115	22.58%	3.942%
14	15.478	2125	2132	2146	rVB2	4192335	15793626	100.00%	17.458%
15	15.754	2175	2179	2189	rVB2	527367	1068231	6.76%	1.181%
16	15.895	2197	2203	2209	rBV	4042116	5709769	36.15%	6.311%
17	15.983	2215	2218	2228	rVB3	164546	280288	1.77%	0.310%
18	17.172	2415	2420	2426	rVB	1405691	1975237	12.51%	2.183%
19	17.472	2467	2471	2480	rVB	180295	248657	1.57%	0.275%
20	18.113	2575	2580	2590	rBV	1852177	2856899	18.09%	3.158%
21	18.401	2625	2629	2633	rBV3	182992	369917	2.34%	0.409%
22	18.454	2635	2638	2652	rVB2	354634	658590	4.17%	0.728%
23	18.907	2711	2715	2723	rVB	172905	296907	1.88%	0.328%
24	19.442	2801	2806	2820	rBV	739361	1196729	7.58%	1.323%
25	19.907	2879	2885	2890	rBV	9338682	11429950	72.37%	12.634%
26	20.213	2933	2937	2945	rVB	168680	314110	1.99%	0.347%
27	20.742	3025	3027	3036	rVB2	248431	371663	2.35%	0.411%
28	21.277	3115	3118	3127	rVB	261060	420637	2.66%	0.465%
29	21.618	3171	3176	3183	rBV	1272092	2382562	15.09%	2.634%
30	24.995	3742	3750	3763	rVB3	826198	2703692	17.12%	2.989%

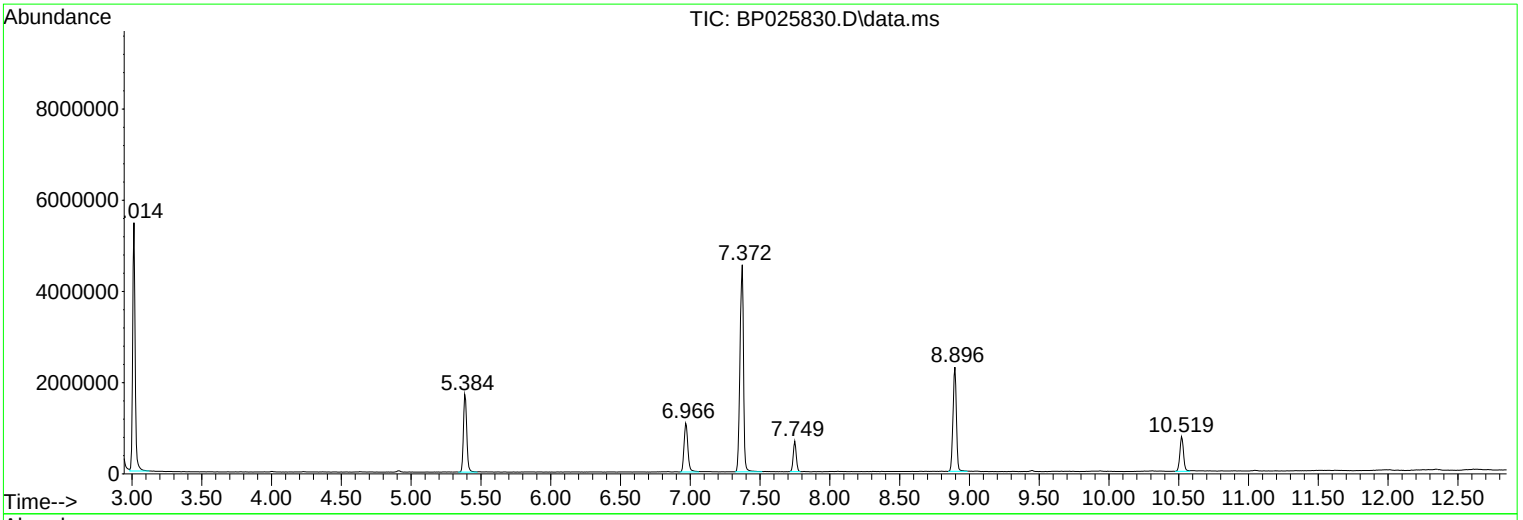
Sum of corrected areas: 90468865

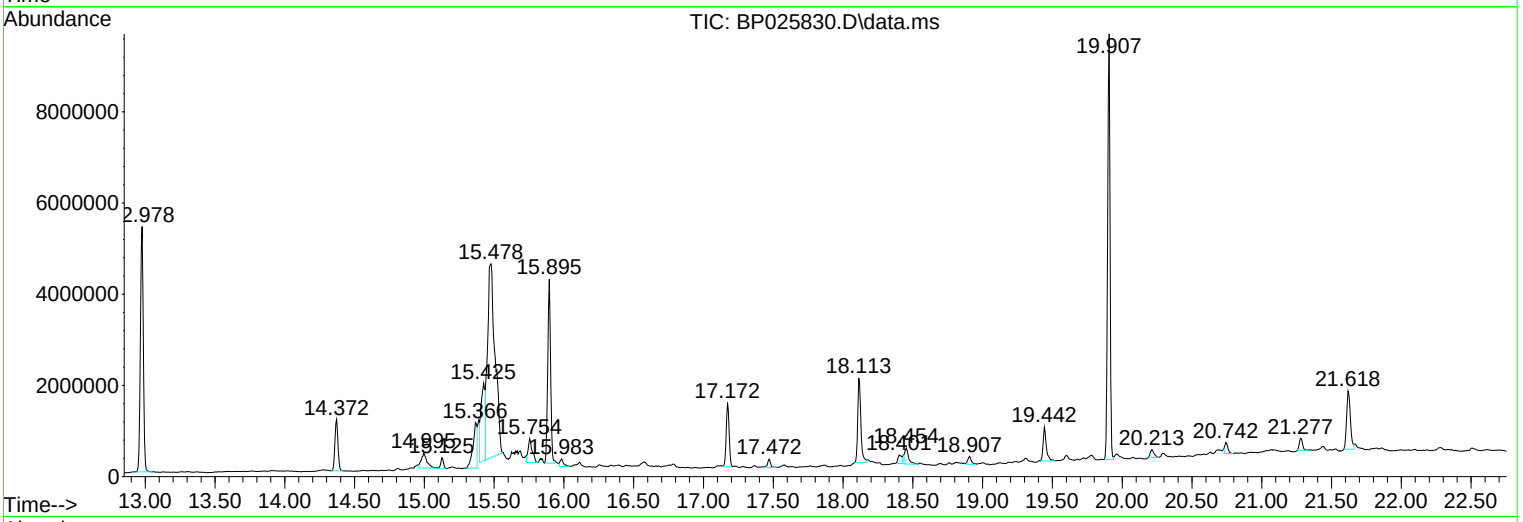
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025830.D
Acq On : 23 Sep 2025 15:14
Operator : CG/JU
Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

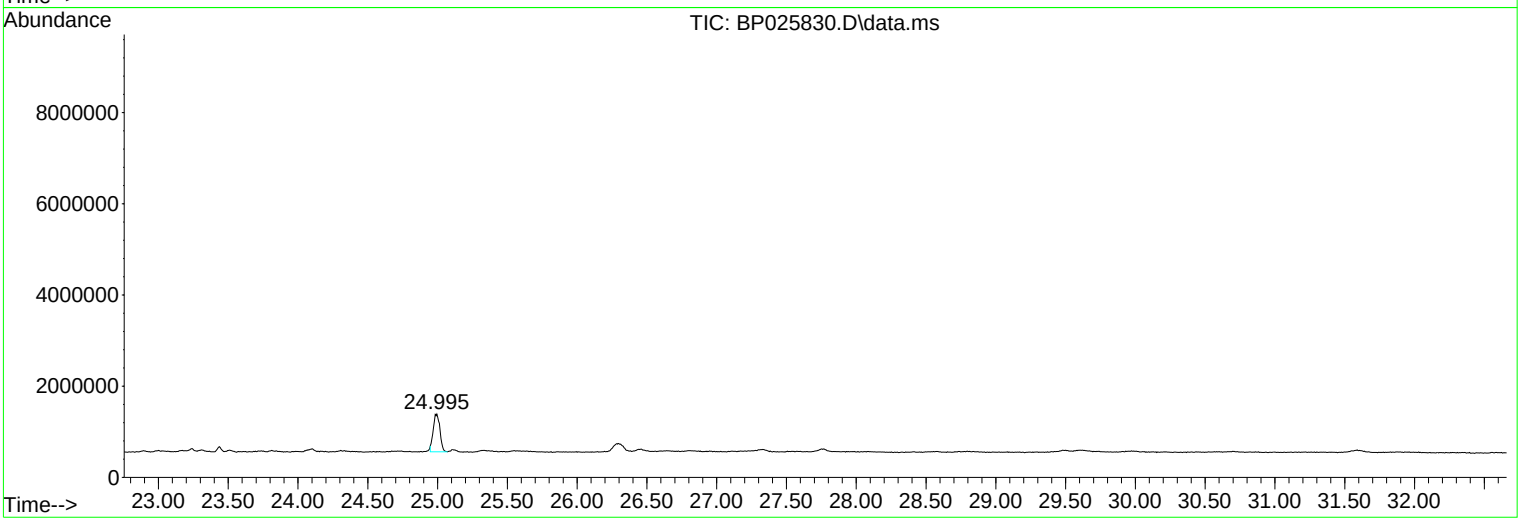
Instrument :
BNA_P
ClientSampleId :
MH-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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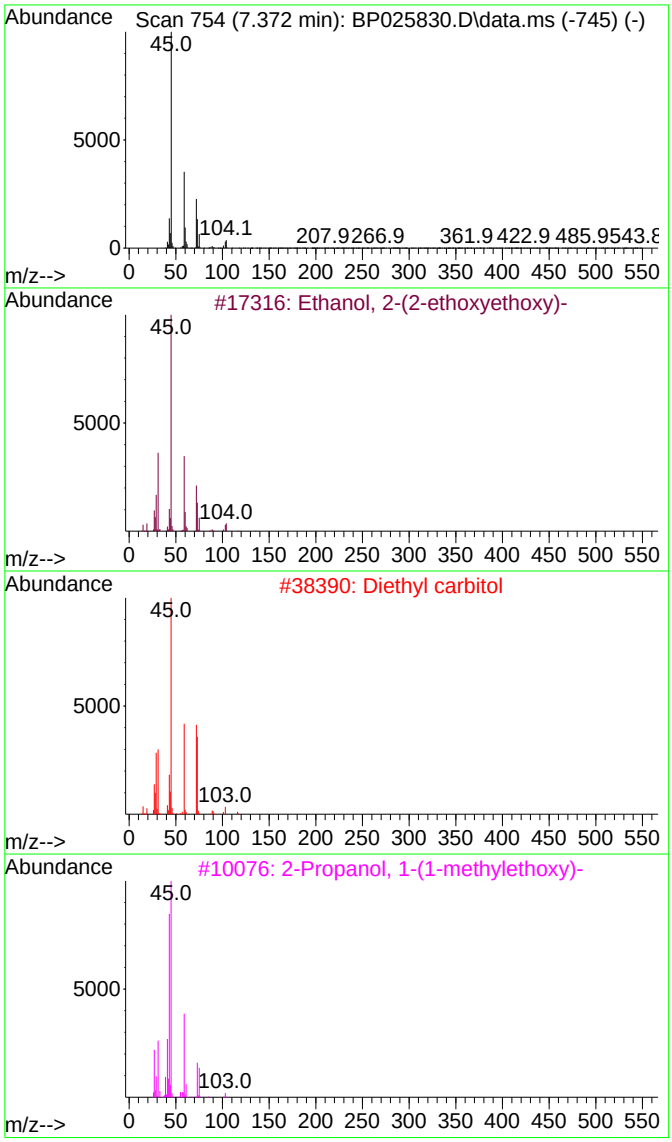
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

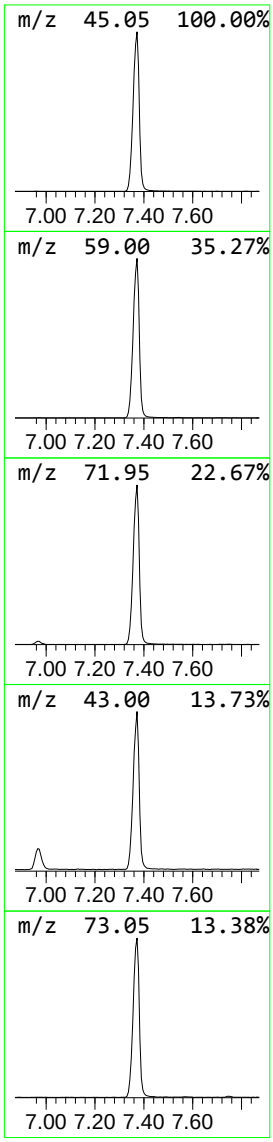
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.372	155.33 ng	7905230	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	39
5	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	38





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Data File : BP025830.D
Acq On : 23 Sep 2025 15:14
Operator : CG/JU
Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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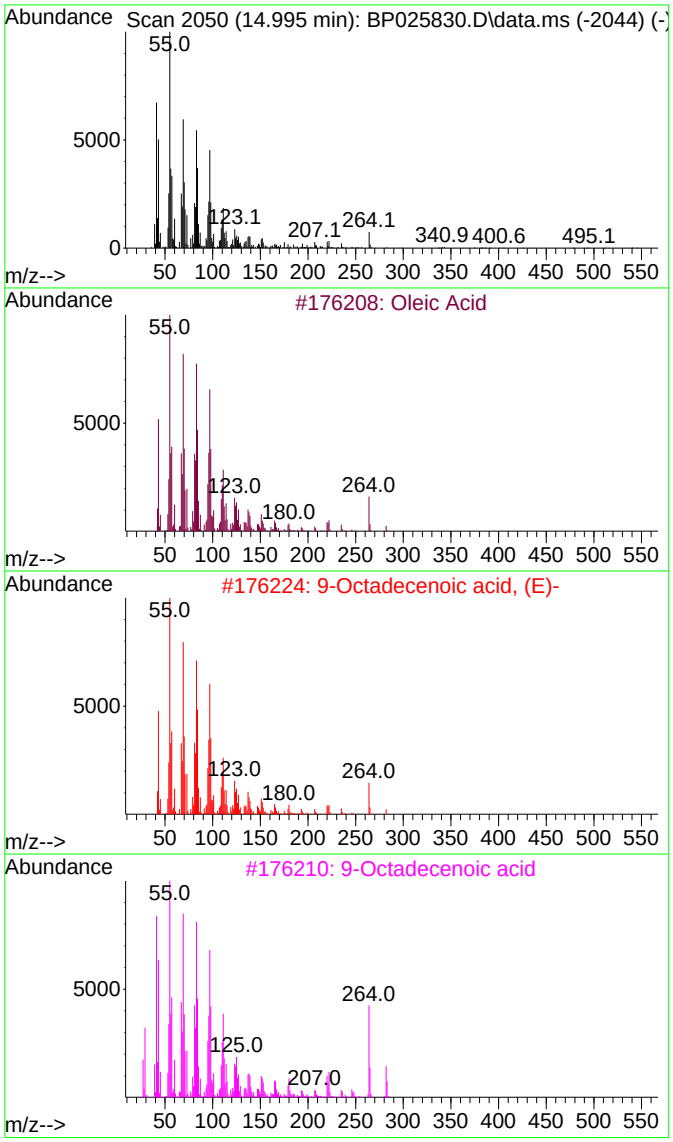
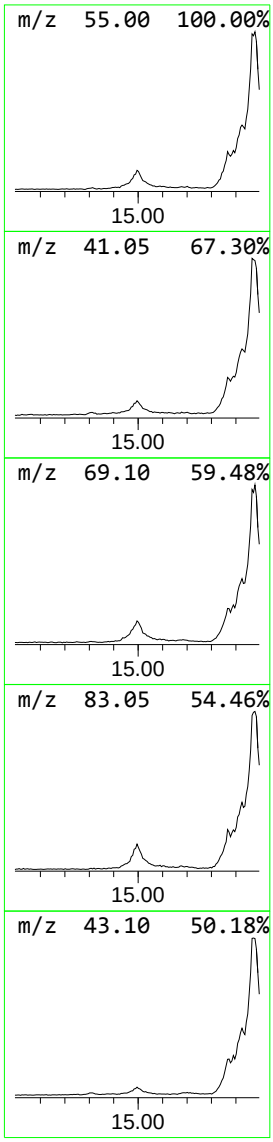
Peak Number 3 Oleic Acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.995	10.32 ng	890998	Acenaphthene-d10	14.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	91
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
3	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
5	9-Eicosenoic acid, (Z)-	310	C20H38O2	029204-02-2	87





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Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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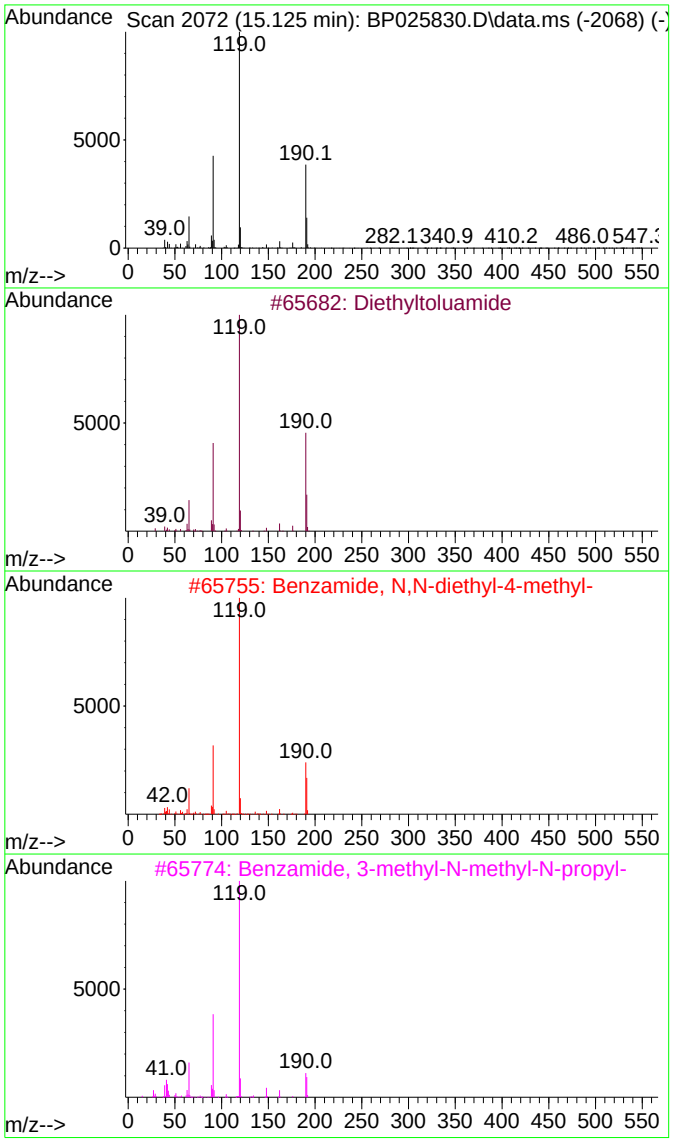
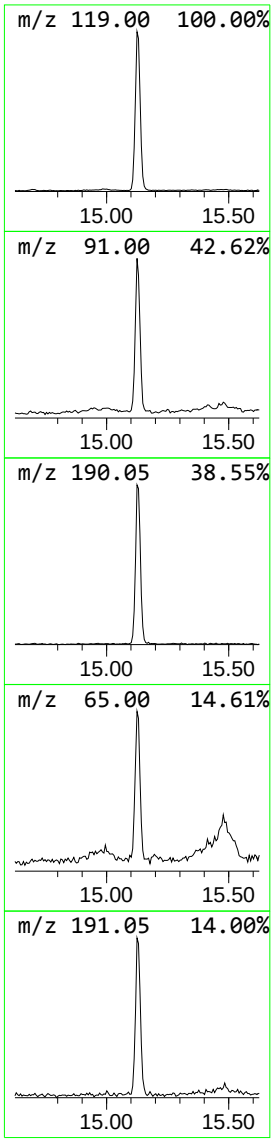
Peak Number 4 Diethyltoluamide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.125	3.84 ng	331927	Acenaphthene-d10	14.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	76
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76





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Data File : BP025830.D
Acq On : 23 Sep 2025 15:14
Operator : CG/JU
Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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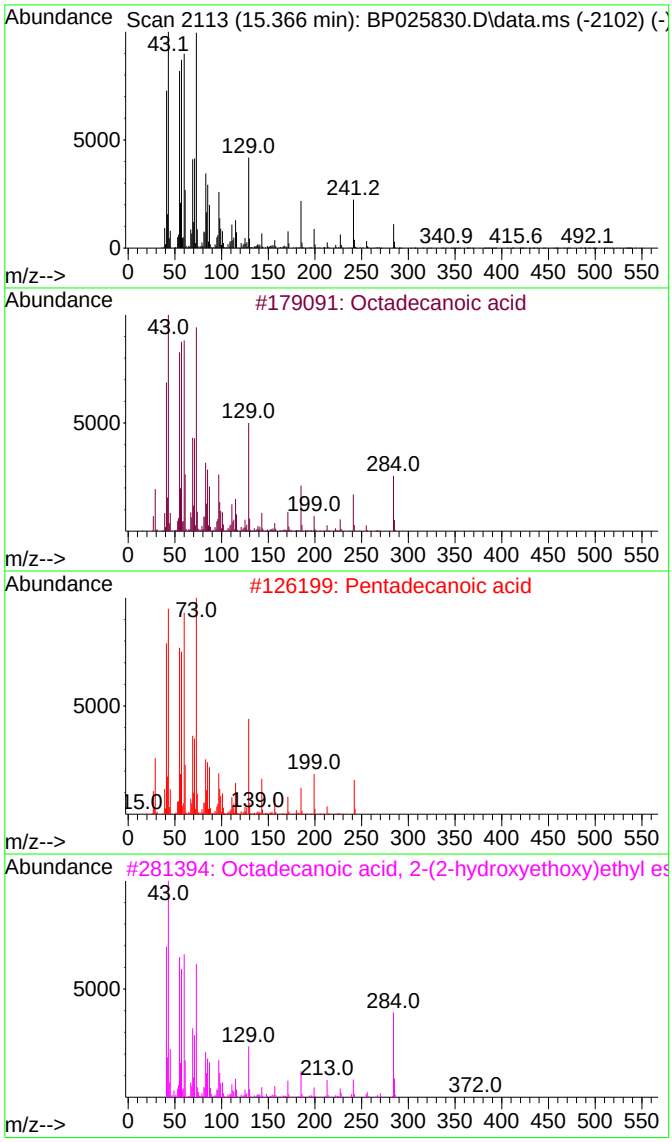
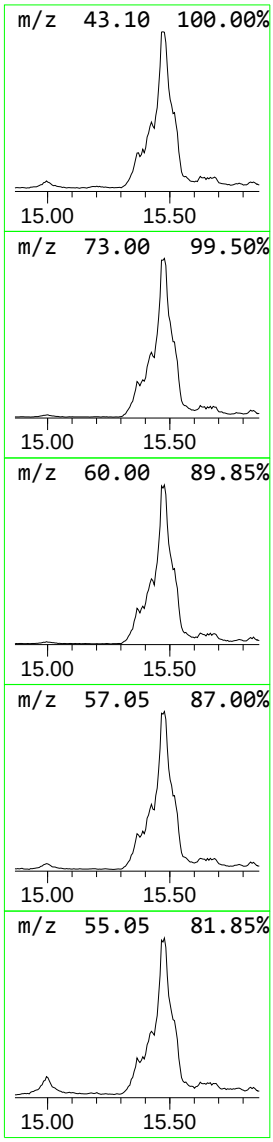
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.366	24.17 ng	2087640	Acenaphthene-d10	14.372

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	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025830.D
Acq On : 23 Sep 2025 15:14
Operator : CG/JU
Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

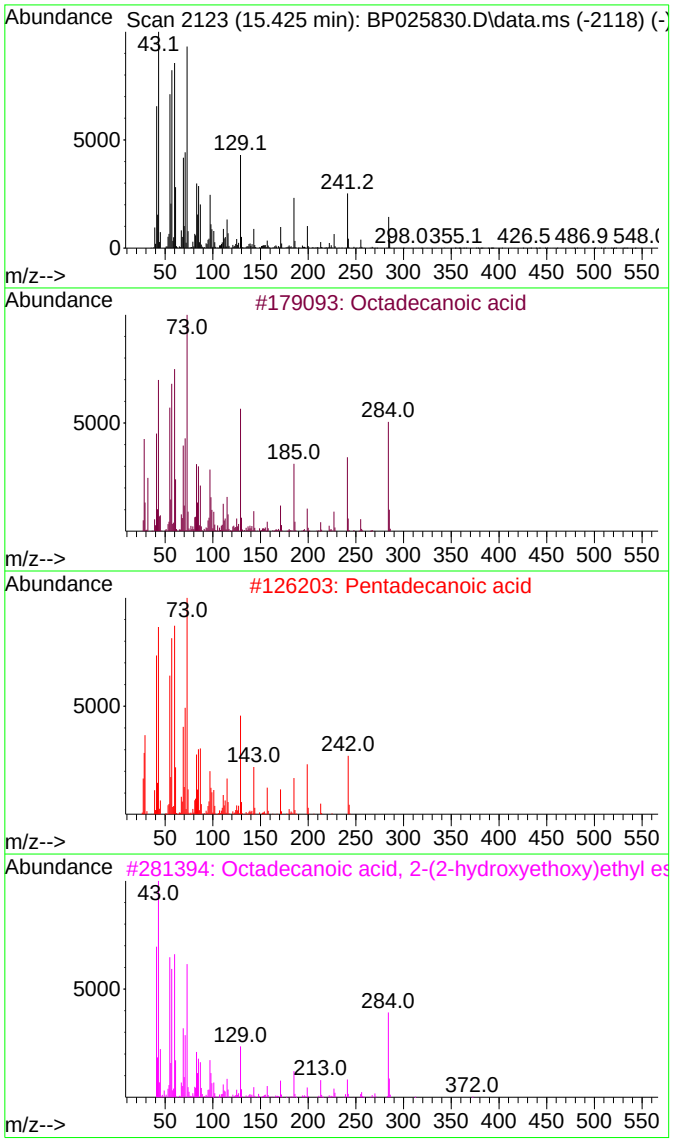
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

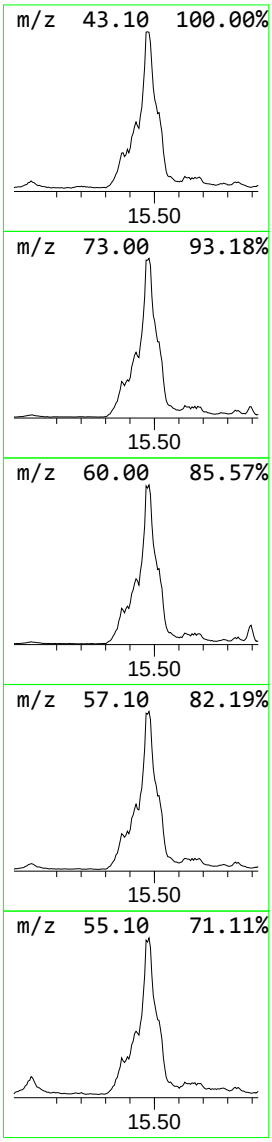
****

Peak Number 6 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.425	41.29 ng	3566120	Acenaphthene-d10	14.372

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	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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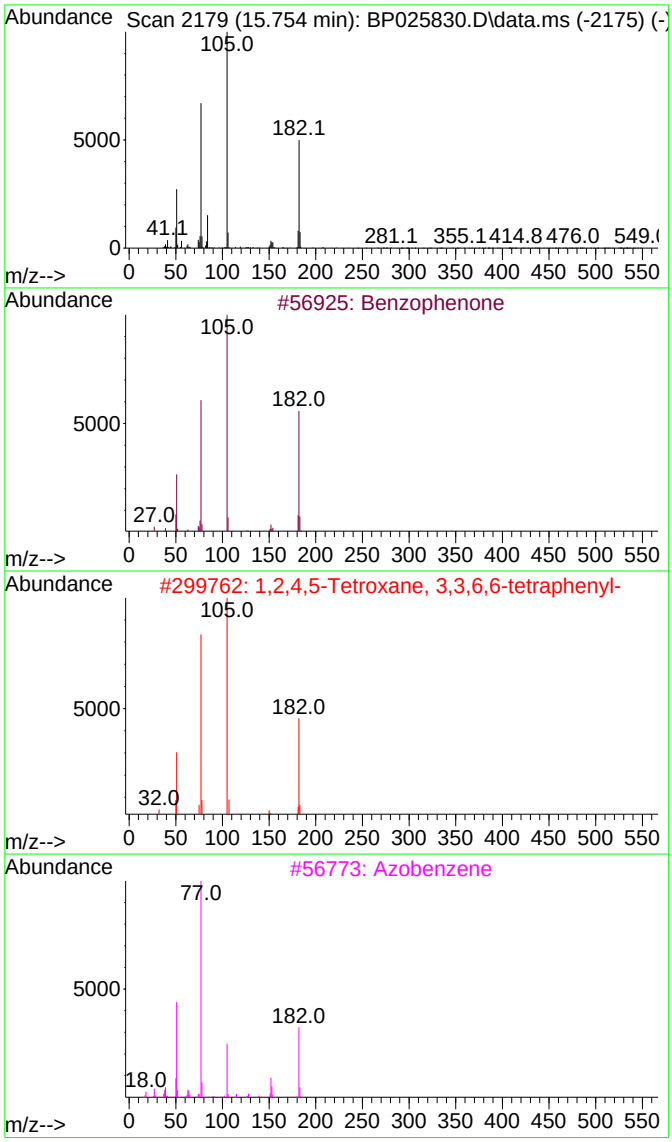
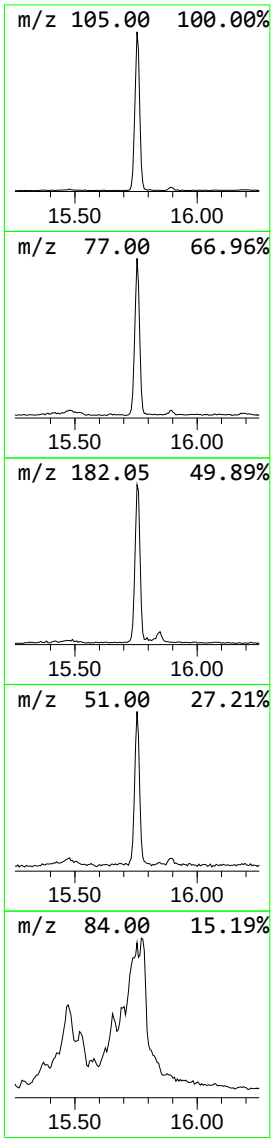
Peak Number 8 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.754	12.37 ng	1068230	Acenaphthene-d10	14.372

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	72
3	Azobenzene	182	C12H10N2	000103-33-3	42
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	40
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40





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Operator : CG/JU
Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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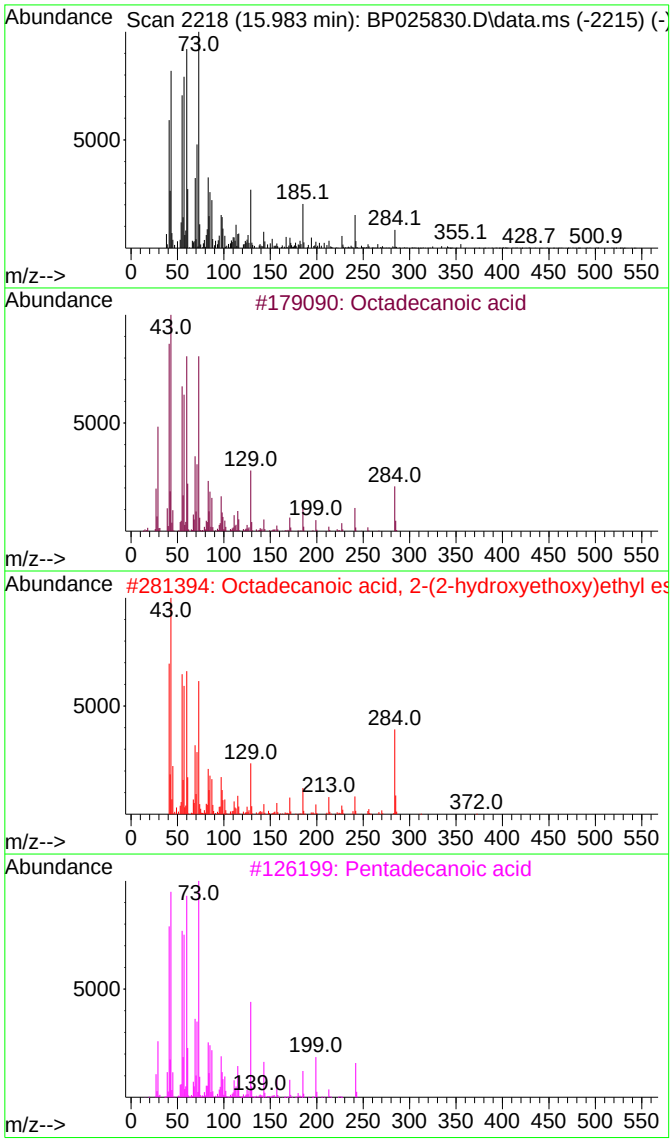
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

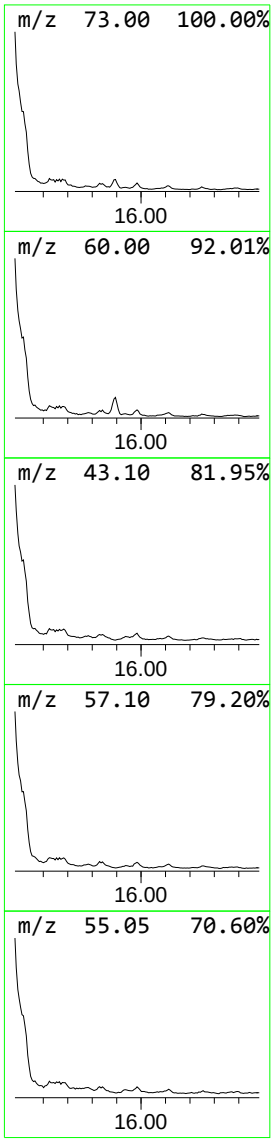
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octadecanoic acid, 2-(2-hyd... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.983	2.84 ng	280288	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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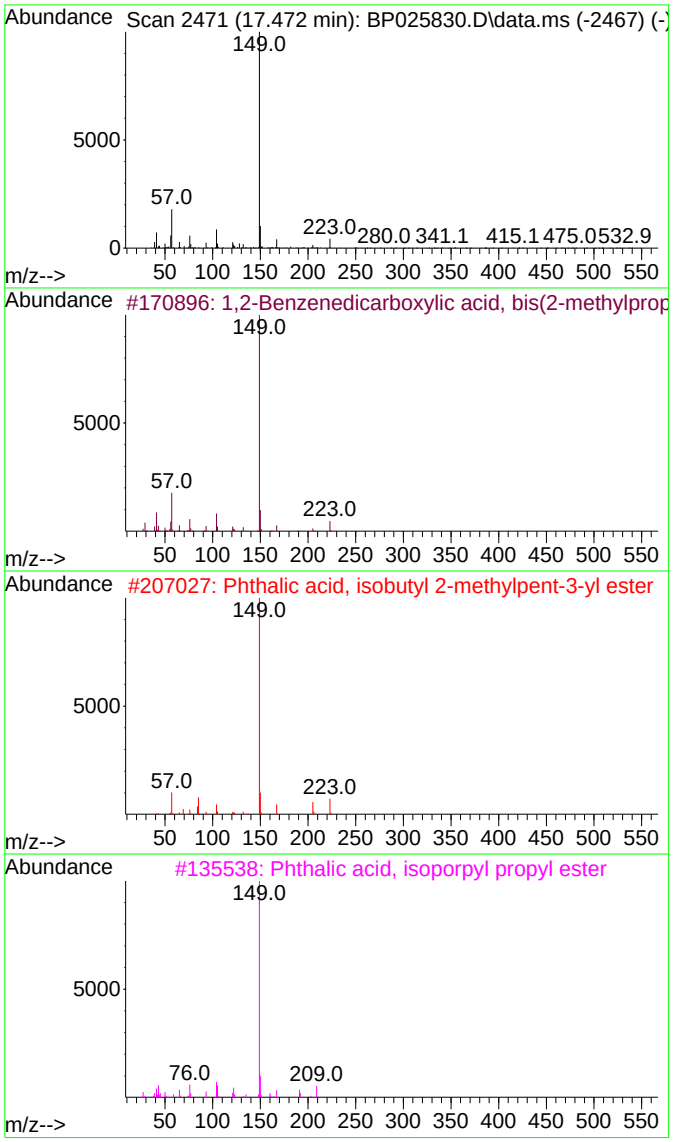
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

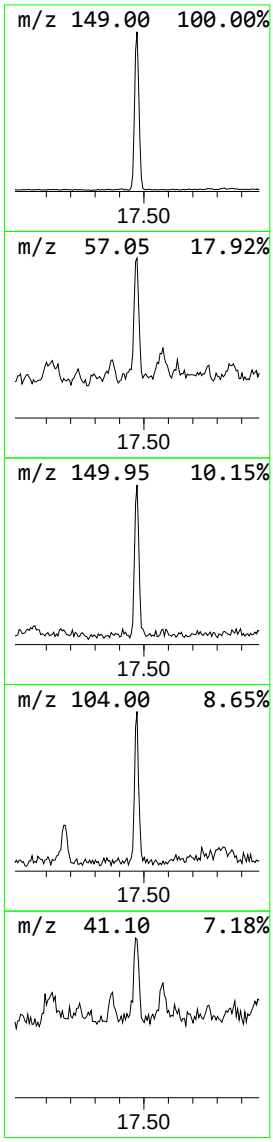
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,2-Benzenedicarboxylic aci... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.472	2.52 ng	248657	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	91
2	Phthalic acid, isobutyl 2-methyl...	306	C18H26O4	1000356-90-7	83
3	Phthalic acid, isoporpyl propyl ...	250	C14H18O4	1010314-99-7	80
4	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72
5	Phthalic acid, isopentyl 3-methy...	326	C20H22O4	1000315-37-2	72





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Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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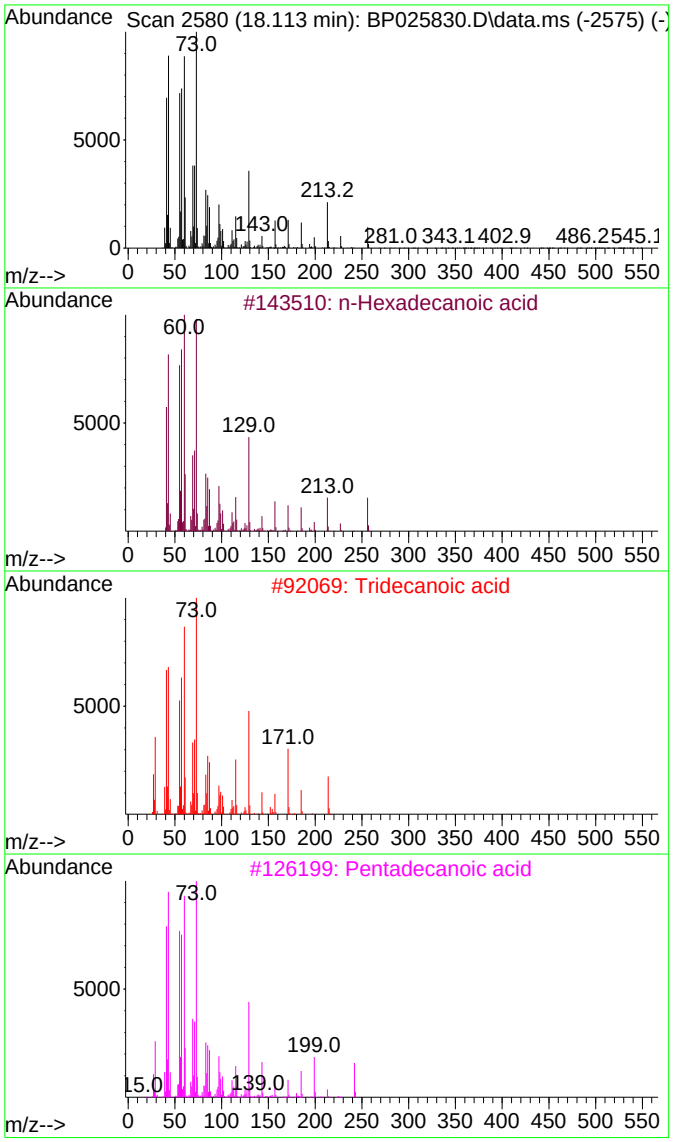
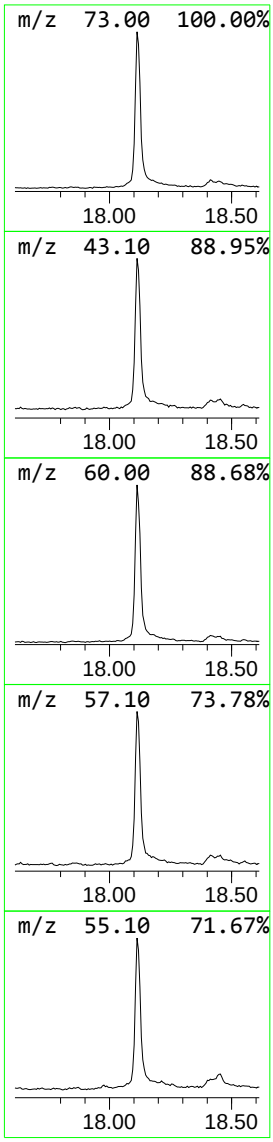
Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.113	28.93 ng	2856900	Phenanthrene-d10	17.172

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Data File : BP025830.D
Acq On : 23 Sep 2025 15:14
Operator : CG/JU
Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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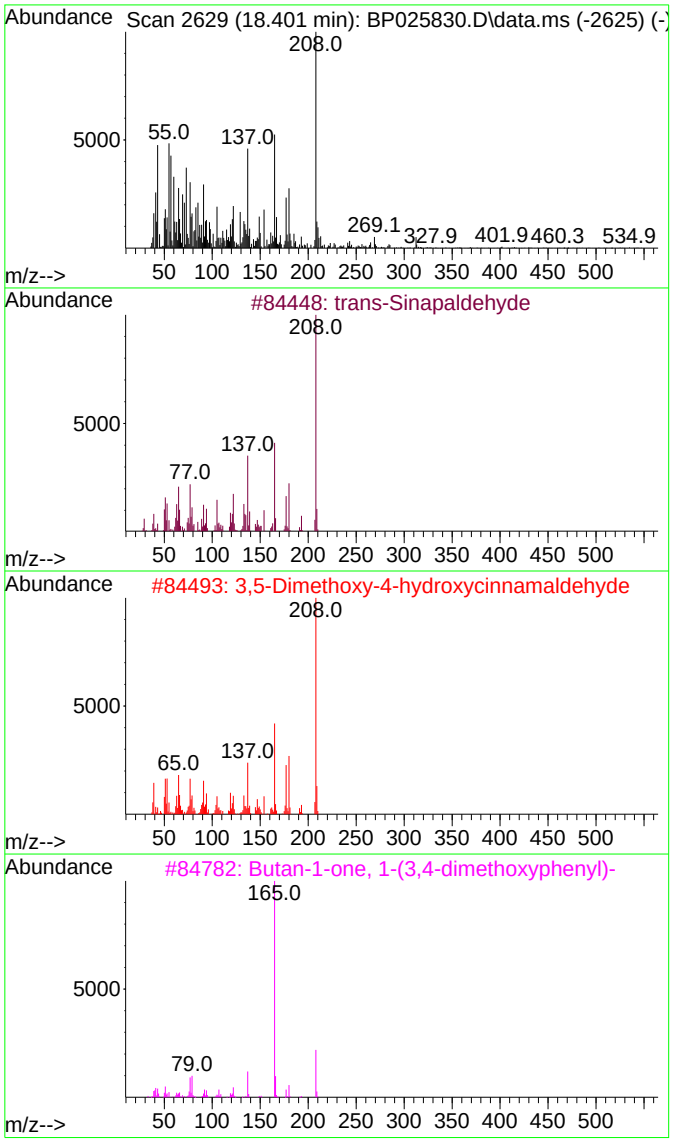
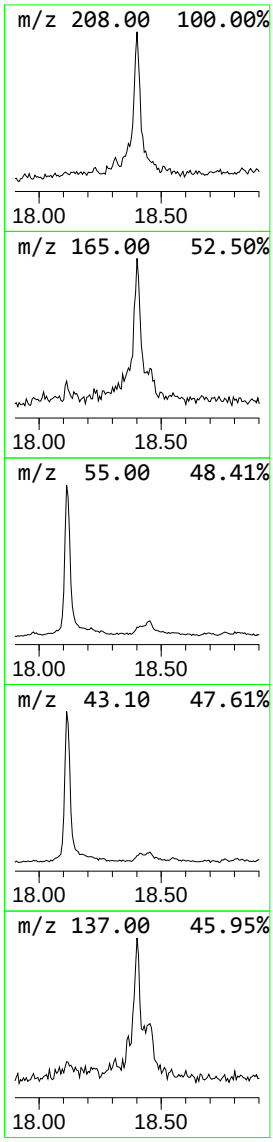
Peak Number 12 trans-Sinapaldehyde Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.401	3.75 ng	369917	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Sinapaldehyde	208	C11H12O4	004206-58-0	89
2	3,5-Dimethoxy-4-hydroxycinnamald...	208	C11H12O4	087345-53-7	60
3	Butan-1-one, 1-(3,4-dimethoxyphe...	208	C12H16O3	054419-21-5	49
4	2-Allyl-3-ethoxy-4-methoxyphenol	208	C12H16O3	1000122-70-6	46
5	1-naphthalenol, 2-chloro-5-methoxy-	208	C11H9ClO2	1000396-12-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025830.D
Acq On : 23 Sep 2025 15:14
Operator : CG/JU
Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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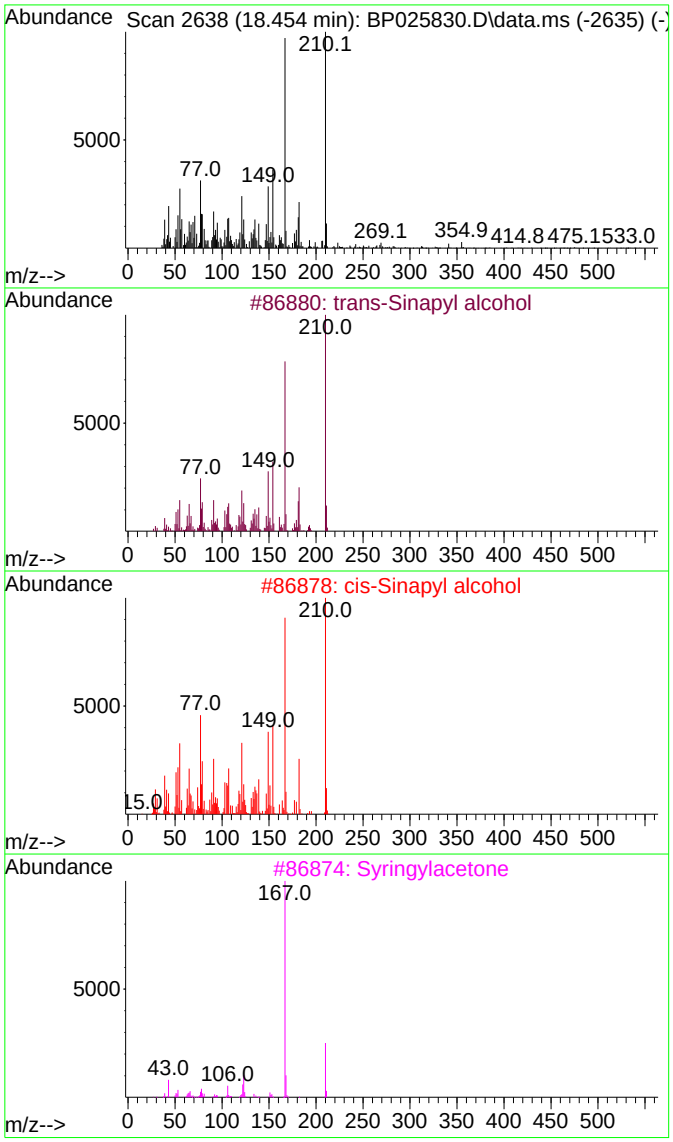
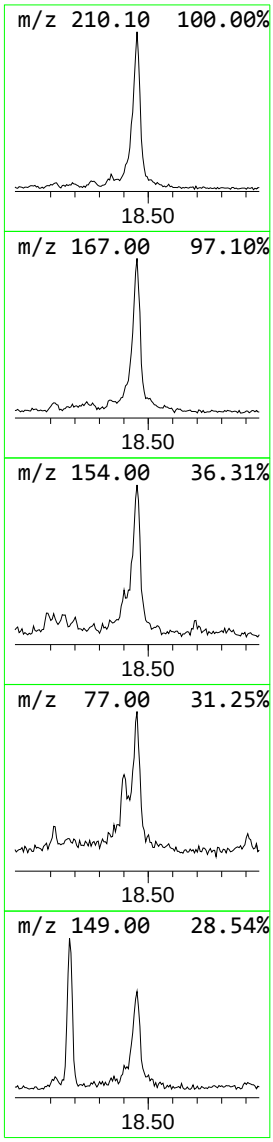
Peak Number 13 trans-Sinapyl alcohol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.454	6.67 ng	658590	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Sinapyl alcohol	210	C11H14O4	020675-96-1	96
2	cis-Sinapyl alcohol	210	C11H14O4	104330-63-4	90
3	Syringylacetone	210	C11H14O4	019037-58-2	60
4	4-Ethoxy-2,5-dimethoxybenzaldehyde	210	C11H14O4	1000121-30-2	52
5	3-Phenylbicyclo(3.2.2)nona-3,6-d...	210	C15H14O	073830-83-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025830.D
Acq On : 23 Sep 2025 15:14
Operator : CG/JU
Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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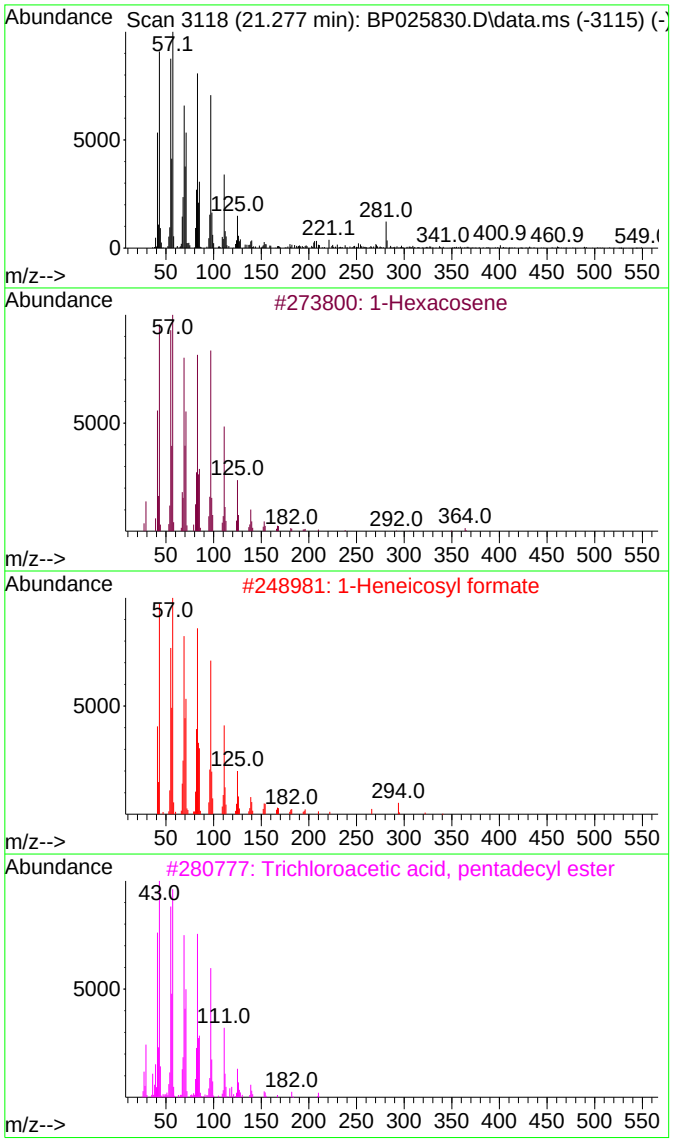
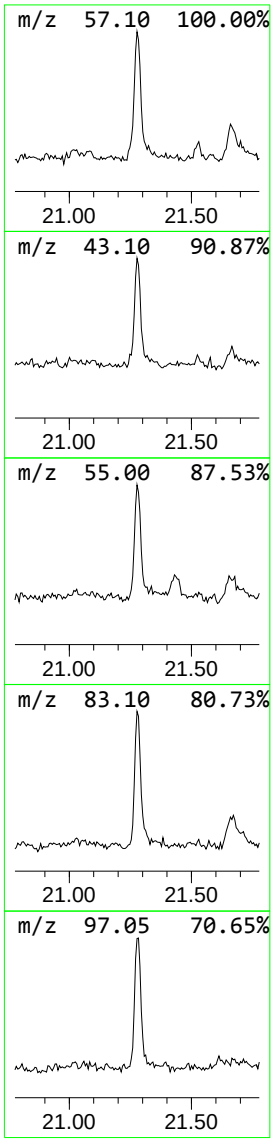
Peak Number 18 1-Hexacosene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.277	3.53 ng	420637	Chrysene-d12	21.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Cyclooctacosane	392	C28H56	000297-24-5	90
5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025830.D
Acq On : 23 Sep 2025 15:14
Operator : CG/JU
Sample : Q3135-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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
Ethanol, 2-(2-e...	7.372	155.3	ng	7905230	1	7.749	1017840	20.0
Oleic Acid	14.995	10.3	ng	890998	3	14.372	1727540	20.0
Diethyltoluamide	15.125	3.8	ng	331927	3	14.372	1727540	20.0
Octadecanoic acid	15.366	24.2	ng	2087640	3	14.372	1727540	20.0
Pentadecanoic acid	15.425	41.3	ng	3566120	3	14.372	1727540	20.0
Benzophenone	15.754	12.4	ng	1068230	3	14.372	1727540	20.0
Octadecanoic ac...	15.983	2.8	ng	280288	4	17.172	1975240	20.0
1,2-Benzenedica...	17.472	2.5	ng	248657	4	17.172	1975240	20.0
n-Hexadecanoic ...	18.113	28.9	ng	2856900	4	17.172	1975240	20.0
trans-Sinapalde...	18.401	3.8	ng	369917	4	17.172	1975240	20.0
trans-Sinapyl a...	18.454	6.7	ng	658590	4	17.172	1975240	20.0
1-Hexacosene	21.277	3.5	ng	420637	5	21.619	2382560	20.0