LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024946.D
Acq On : 13 Jun 2025 16:13
Operator : RC/JU
Sample : Q2310-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024946.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	307	312	324	rBV	353503	500945	3.66%	0.677%
2	5.237	385	391	414	rBV	3827867	5970568	43.57%	8.073%
3	6.819	652	660	683	rBV	3627305	6390288	46.63%	8.641%
4	7.608	786	794	804	rBV	818792	1301270	9.50%	1.760%
5	8.761	982	990	1008	rBV	2422178	4139112	30.21%	5.597%
6	10.378	1255	1265	1280	rBV	993368	1868758	13.64%	2.527%
7	12.860	1678	1687	1699	rBV	6312643	9609046	70.12%	12.993%
8	14.254	1917	1924	1942	rBV	1664733	2504382	18.28%	3.386%
9	15.637	2153	2159	2172	rBV	1234845	1805648	13.18%	2.442%
10	15.784	2176	2184	2200	rBV	5225535	8528896	62.24%	11.532%
11	17.066	2396	2402	2413	rBV2	2022578	2957710	21.58%	3.999%
12	18.007	2556	2562	2578	rBV	1207996	2022056	14.76%	2.734%
13	19.331	2782	2787	2798	rBV	511912	959840	7.00%	1.298%
14	19.778	2858	2863	2869	rBV	11461498	13702986	100.00%	18.529%
15	20.119	2918	2921	2925	rVB	172234	208184	1.52%	0.281%
16	20.636	3006	3009	3013	rVB	269358	286096	2.09%	0.387%
17	21.148	3092	3096	3105	rVB	708383	1050069	7.66%	1.420%
18	21.489	3148	3154	3159	rBV	2291856	3304876	24.12%	4.469%
19	21.713	3189	3192	3199	rVB	242220	360582	2.63%	0.488%
20	23.024	3409	3415	3427	rVB2	1258893	2943172	21.48%	3.980%
21	24.754	3702	3709	3719	rVB	1223166	3540871	25.84%	4.788%

Sum of corrected areas: 73955355

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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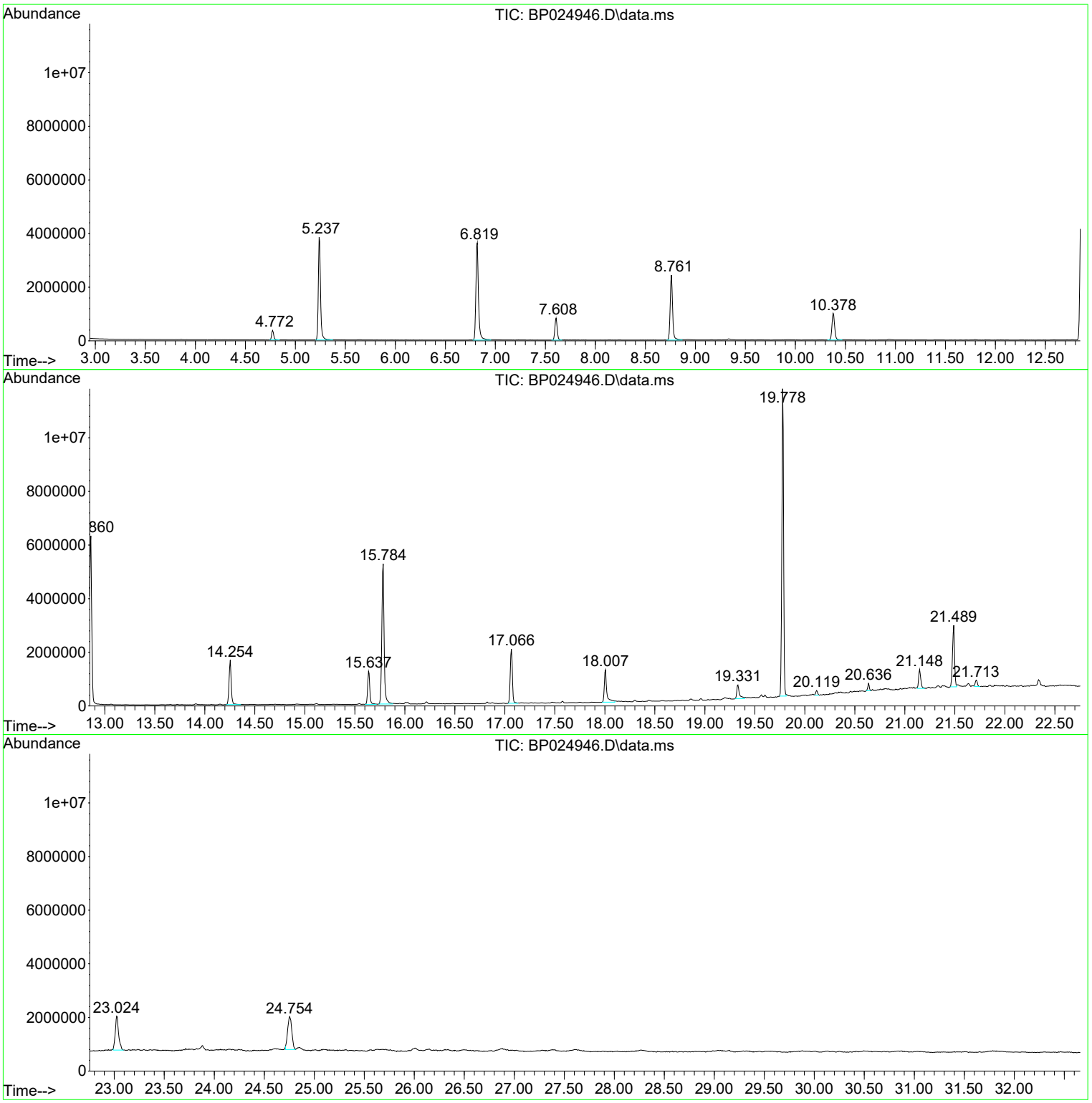
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024946.D
Acq On : 13 Jun 2025 16:13
Operator : RC/JU
Sample : Q2310-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-7

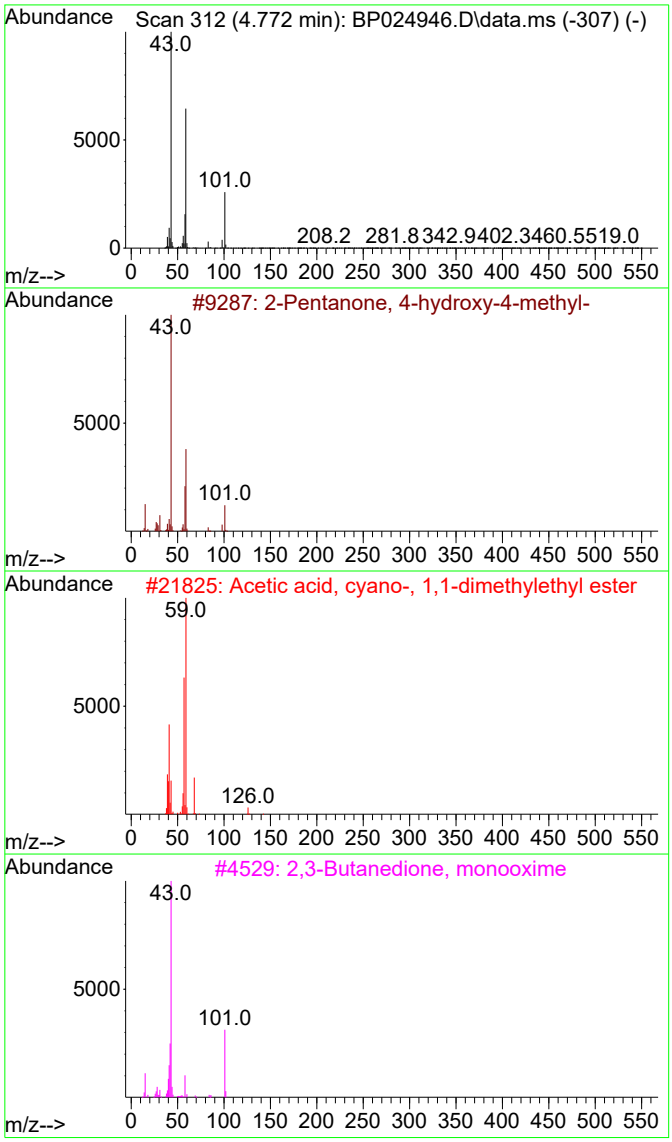
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

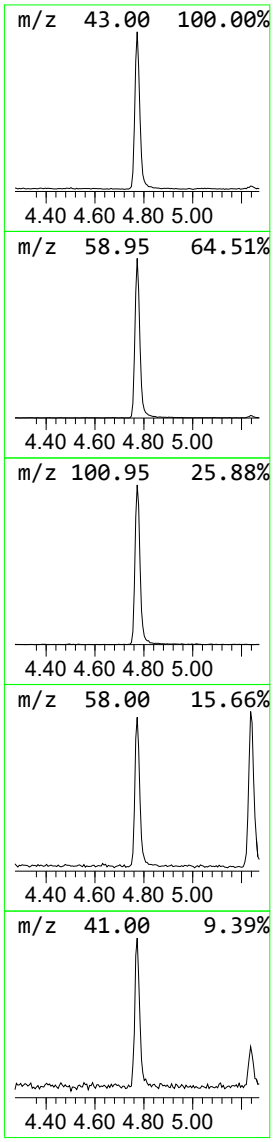
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	7.70 ng	500945	1,4-Dichlorobenzene-d4	7.608

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Data File : BP024946.D
Acq On : 13 Jun 2025 16:13
Operator : RC/JU
Sample : Q2310-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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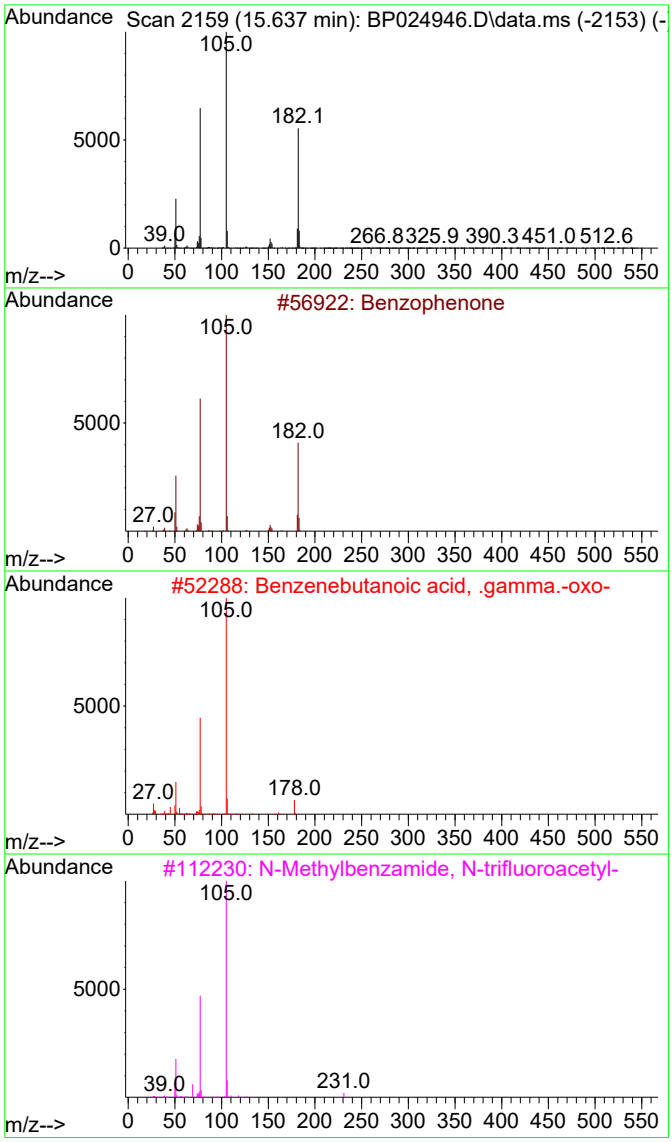
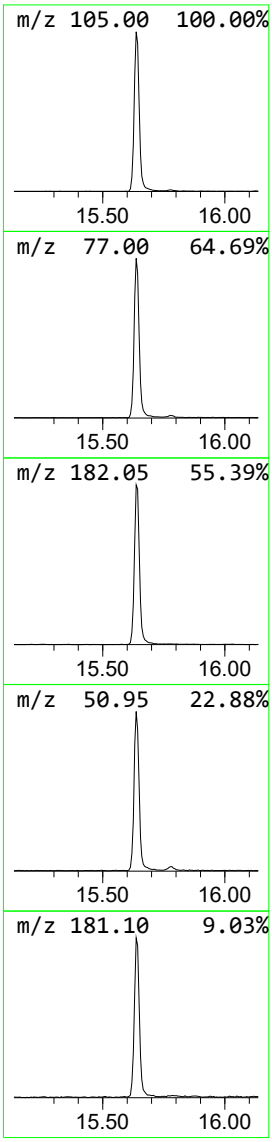
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.637	14.42 ng	1805650	Acenaphthene-d10	14.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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Acq On : 13 Jun 2025 16:13
Operator : RC/JU
Sample : Q2310-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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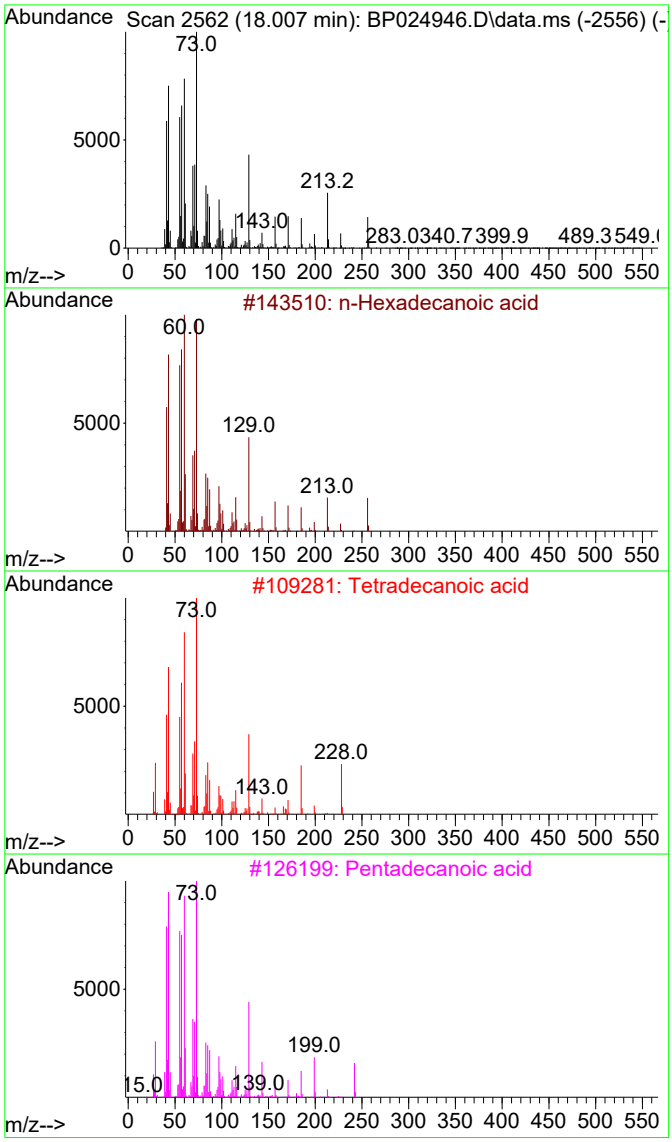
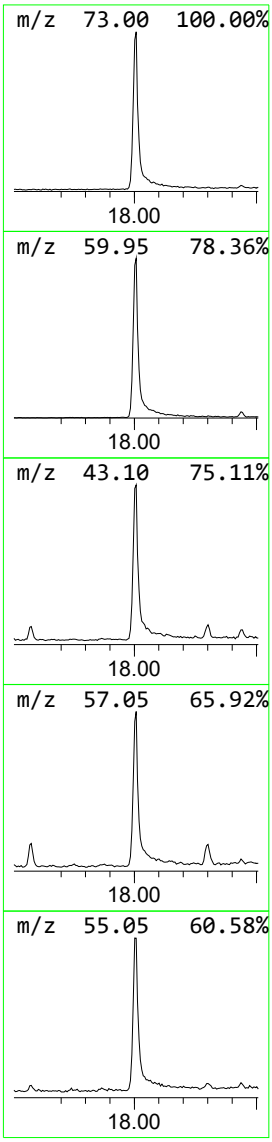
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.007	13.67 ng	2022060	Phenanthrene-d10	17.066

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Data File : BP024946.D
Acq On : 13 Jun 2025 16:13
Operator : RC/JU
Sample : Q2310-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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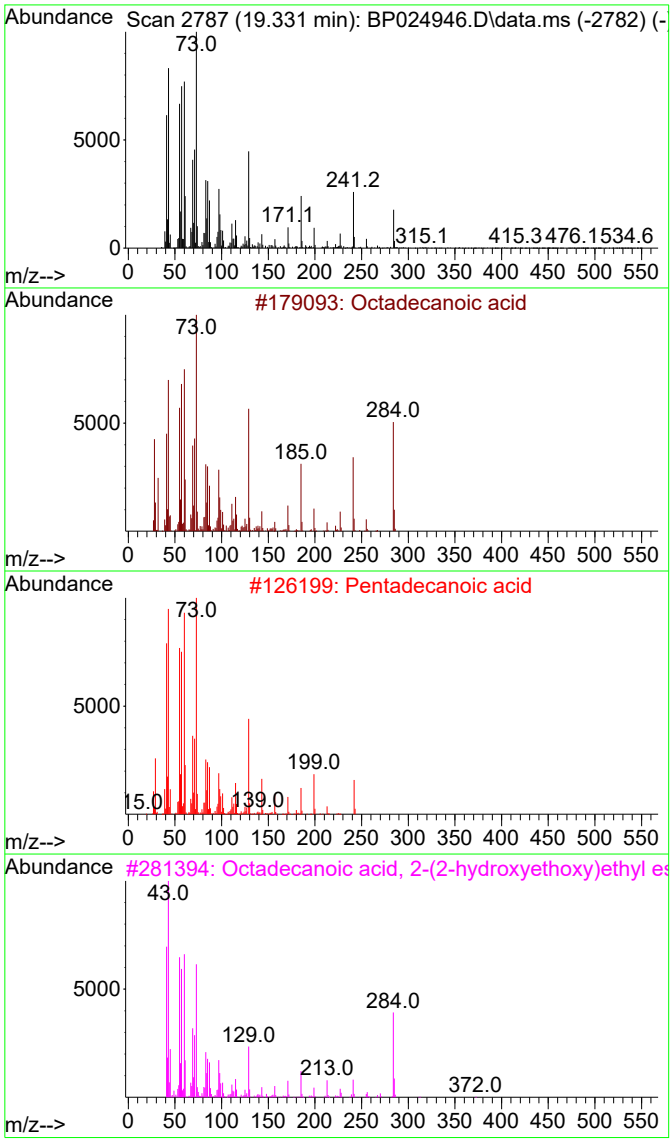
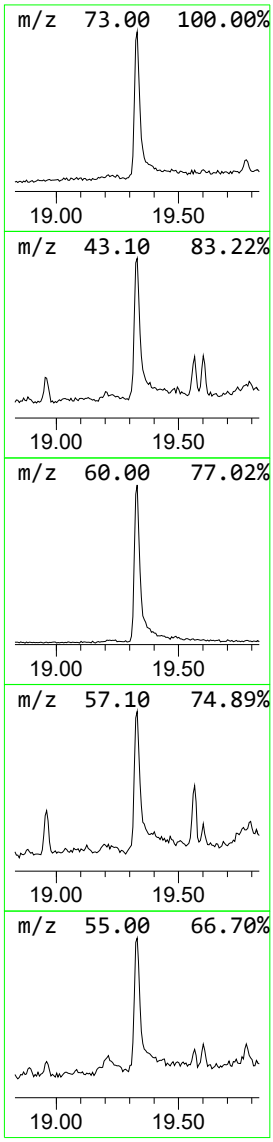
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.331	5.81 ng	959840	Chrysene-d12	21.489

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	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Operator : RC/JU
Sample : Q2310-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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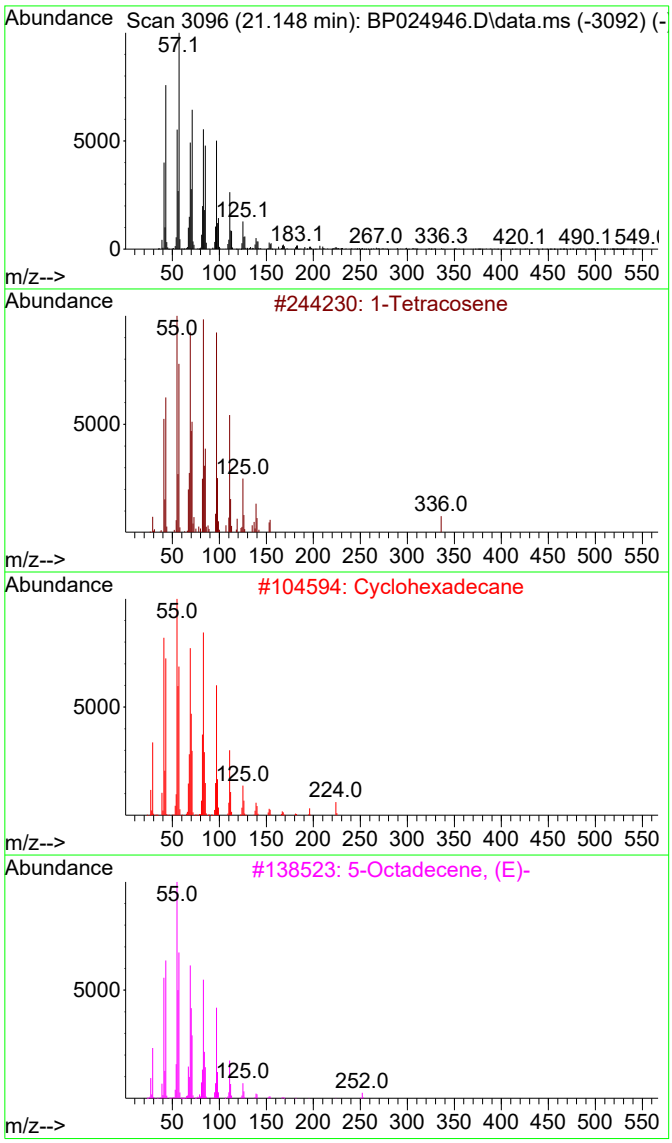
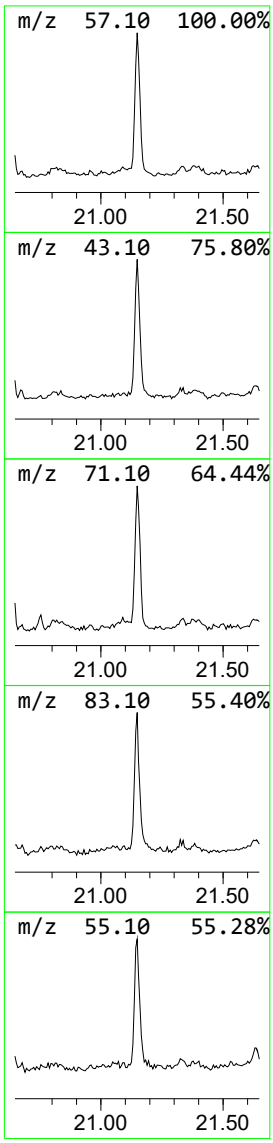
Peak Number 5 1-Tetracosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.148	6.35 ng	1050070	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	97
2	Cyclohexadecane	224	C16H32	000295-65-8	97
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93





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Misc :
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Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

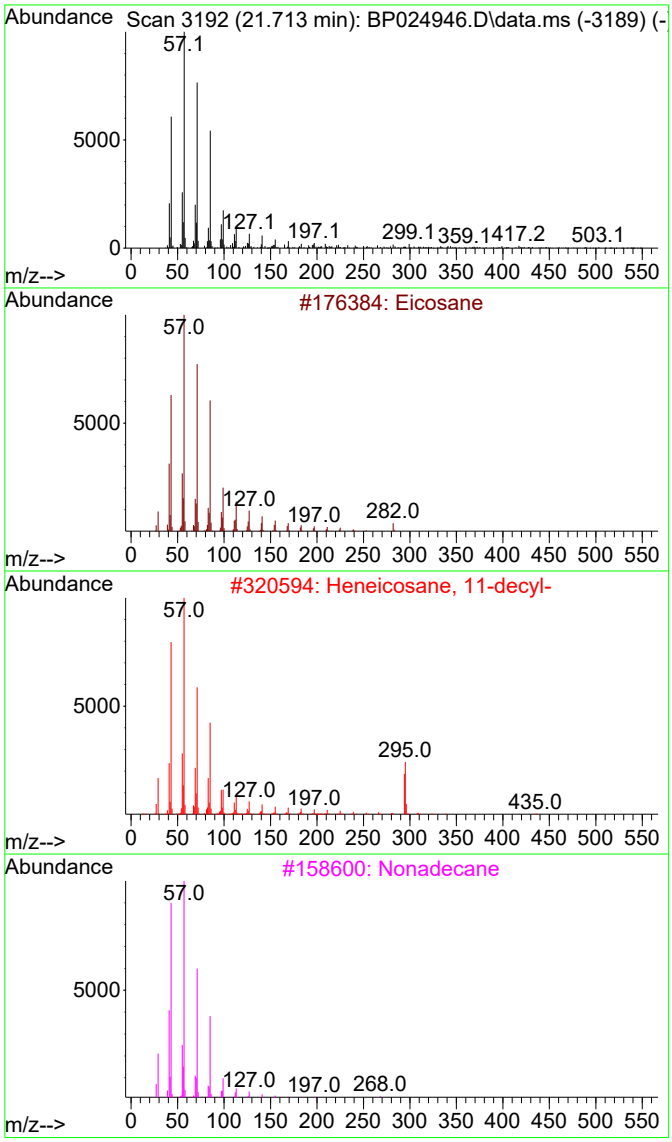
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

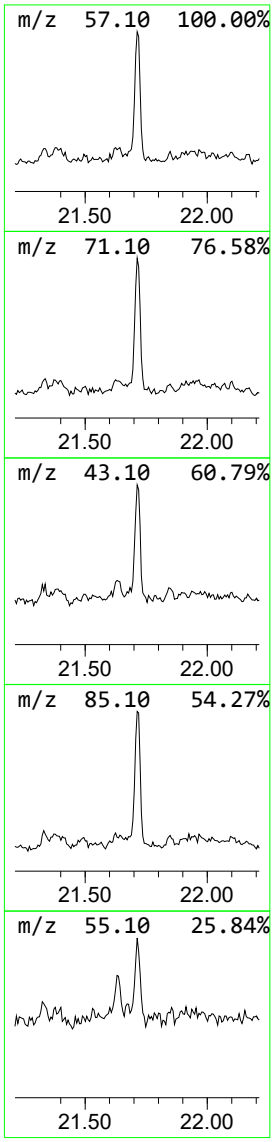
****

Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.713	2.18 ng	360582	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	94
3	Nonadecane	268	C19H40	000629-92-5	91
4	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : Q2310-01
Misc :
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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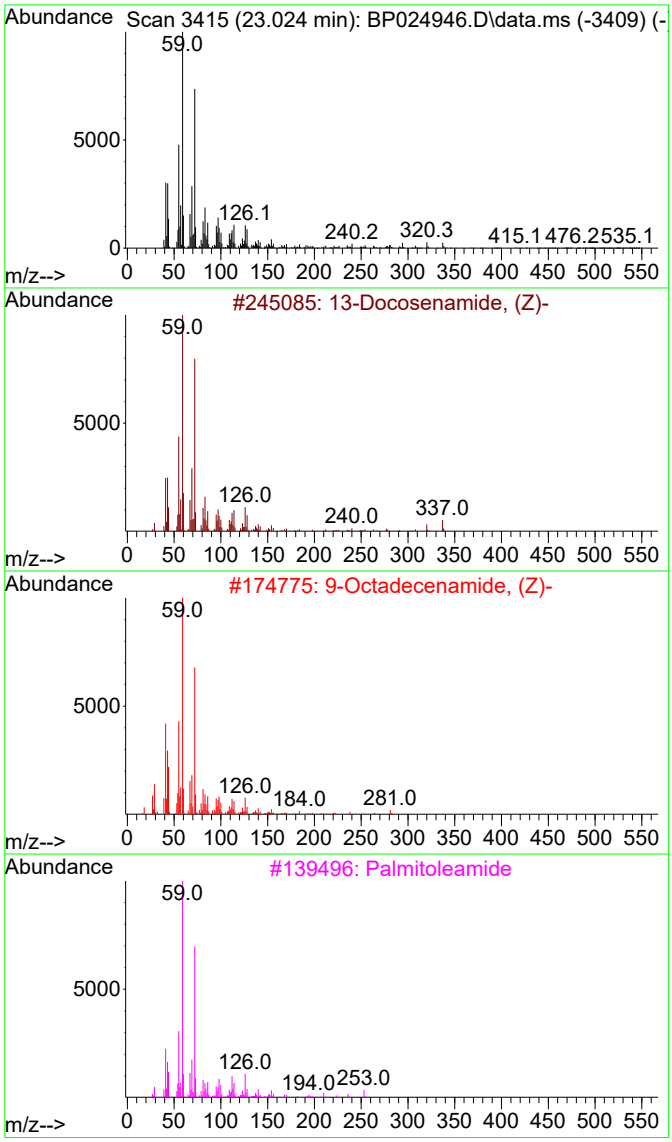
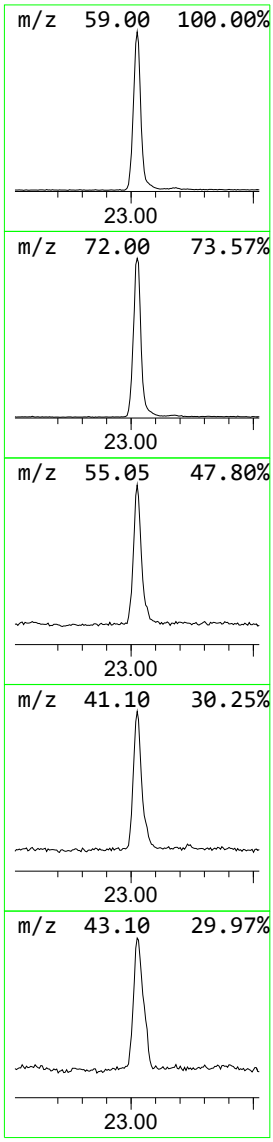
Peak Number 7 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.025	17.81 ng	2943170	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	98
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
3	Palmitoleamide	253	C16H31NO	106010-22-4	64
4	9-Octadecenamide	281	C18H35NO	003322-62-1	50
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	47





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-...	4.772	7.7	ng	500945	1	7.608	1301270	20.0
Benzophenone	15.637	14.4	ng	1805650	3	14.254	2504380	20.0
n-Hexadecanoic ...	18.007	13.7	ng	2022060	4	17.066	2957710	20.0
Octadecanoic acid	19.331	5.8	ng	959840	5	21.489	3304880	20.0
1-Tetracosene	21.148	6.3	ng	1050070	5	21.489	3304880	20.0
Eicosane	21.713	2.2	ng	360582	5	21.489	3304880	20.0
13-Docosenamide...	23.025	17.8	ng	2943170	5	21.489	3304880	20.0