LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024449.D
Acq On : 28 Apr 2025 23:08
Operator : RC/JU
Sample : Q1892-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-U2

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024449.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	299	305	318	rVB	175608	248559	3.17%	0.580%
2	5.340	375	383	399	rBV	1862242	2717865	34.70%	6.343%
3	6.905	641	649	666	rBV	2030826	3292127	42.04%	7.684%
4	7.716	778	787	796	rBV	650397	1031883	13.18%	2.408%
5	8.863	974	982	990	rBV	1135272	1855202	23.69%	4.330%
6	10.487	1248	1258	1270	rBV	912800	1515638	19.35%	3.537%
7	12.951	1669	1677	1691	rBV	3490418	5001081	63.86%	11.672%
8	14.339	1906	1913	1925	rBV	1525442	2118267	27.05%	4.944%
9	15.716	2141	2147	2154	rBV	551576	755971	9.65%	1.764%
10	15.851	2163	2170	2179	rBV	3687180	5109981	65.25%	11.927%
11	17.133	2382	2388	2395	rBV	1710322	2450881	31.30%	5.720%
12	17.545	2453	2458	2473	rBV2	96005	244623	3.12%	0.571%
13	18.075	2542	2548	2565	rBV2	544251	860167	10.98%	2.008%
14	18.516	2618	2623	2628	rBV	248718	299047	3.82%	0.698%
15	19.327	2755	2761	2769	rBV2	217646	389856	4.98%	0.910%
16	19.404	2769	2774	2784	rVB	209396	337216	4.31%	0.787%
17	19.857	2846	2851	2860	rVB	6046926	7831536	100.00%	18.279%
18	20.721	2996	2998	3003	rVB2	98877	103846	1.33%	0.242%
19	21.251	3084	3088	3101	rBV	296702	589972	7.53%	1.377%
20	21.586	3138	3145	3151	rBV	1669912	2927038	37.38%	6.832%
21	24.921	3703	3712	3728	rVB	1100886	3164287	40.40%	7.385%

Sum of corrected areas: 42845043

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ClientSampleId :
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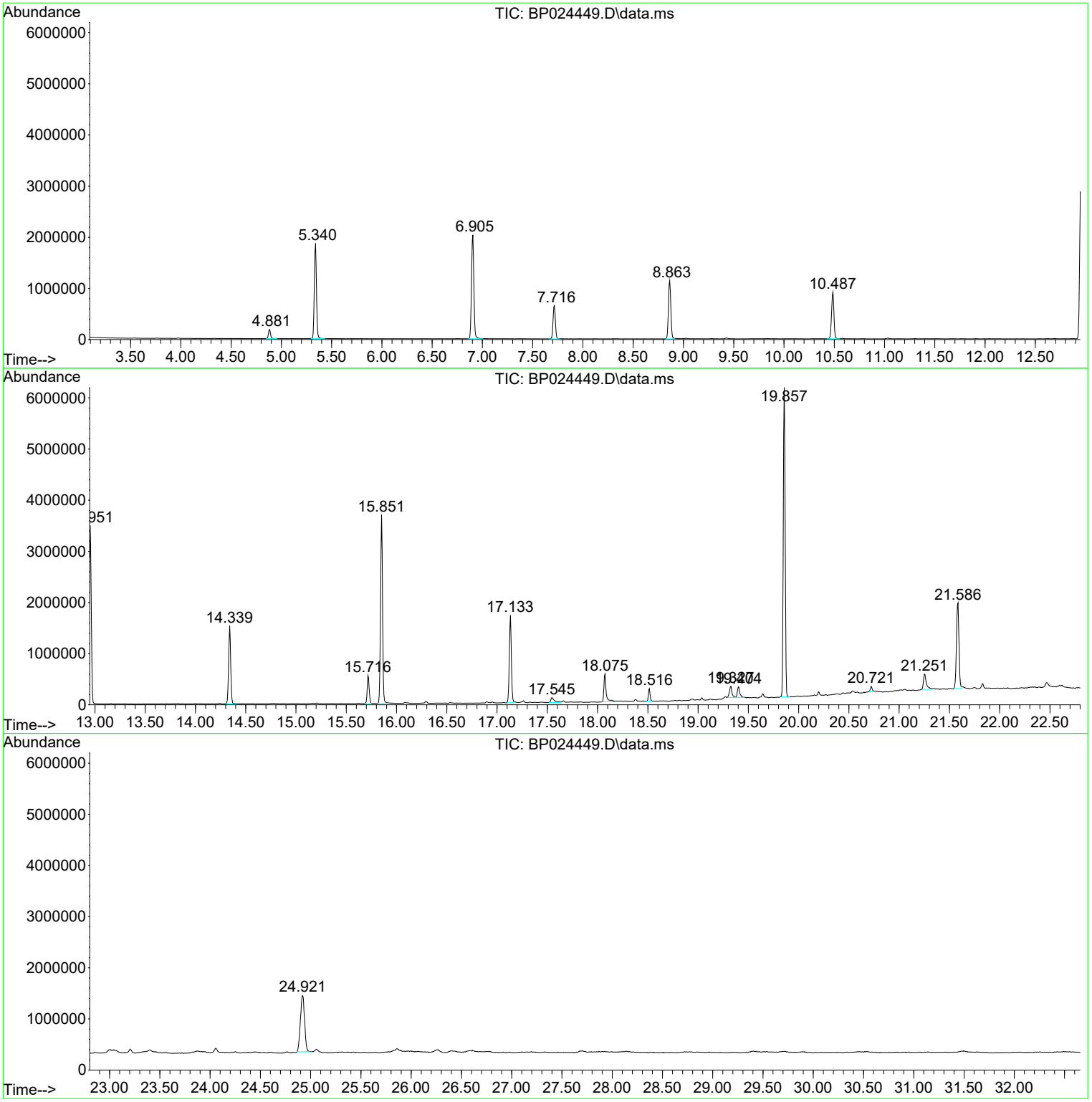
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BP024449.D
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Operator : RC/JU
Sample : Q1892-09
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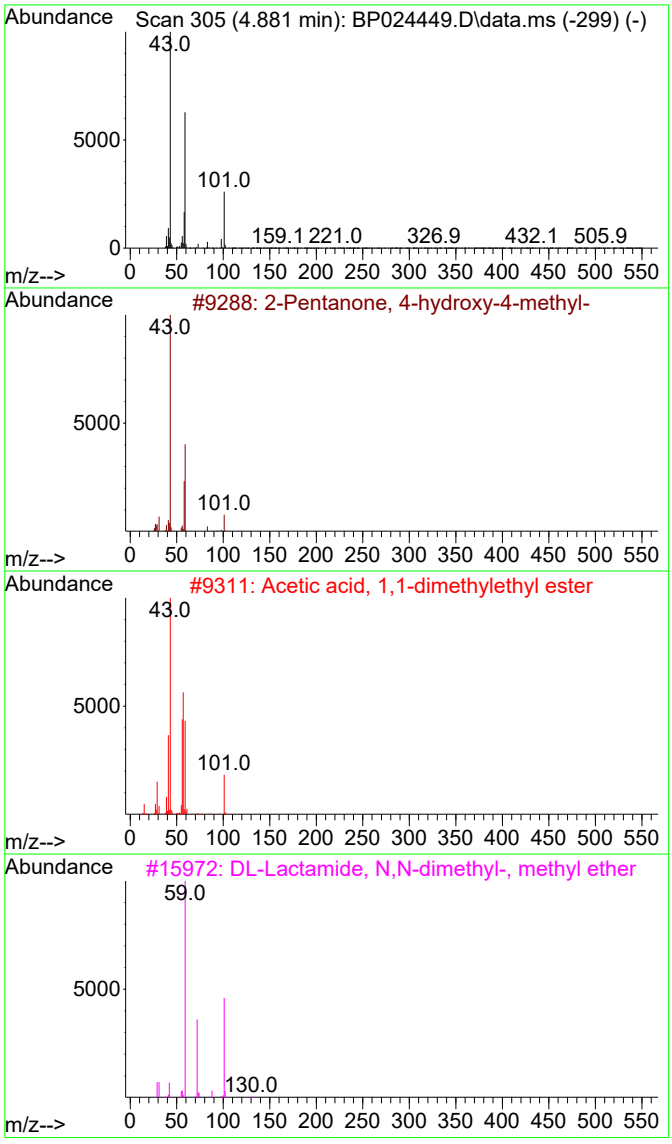
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

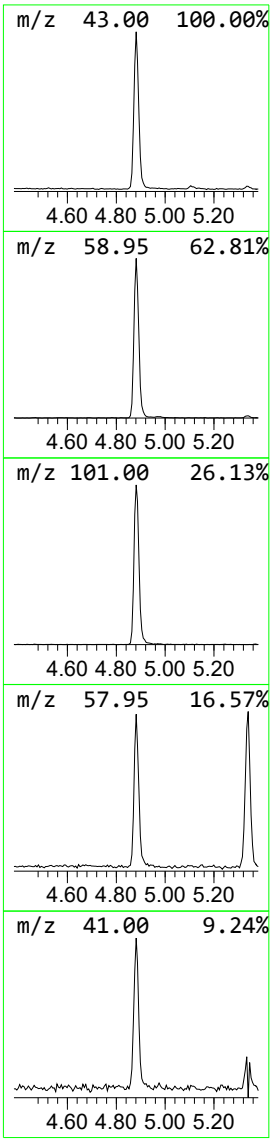
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	4.82 ng	248559	1,4-Dichlorobenzene-d4	7.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	33
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





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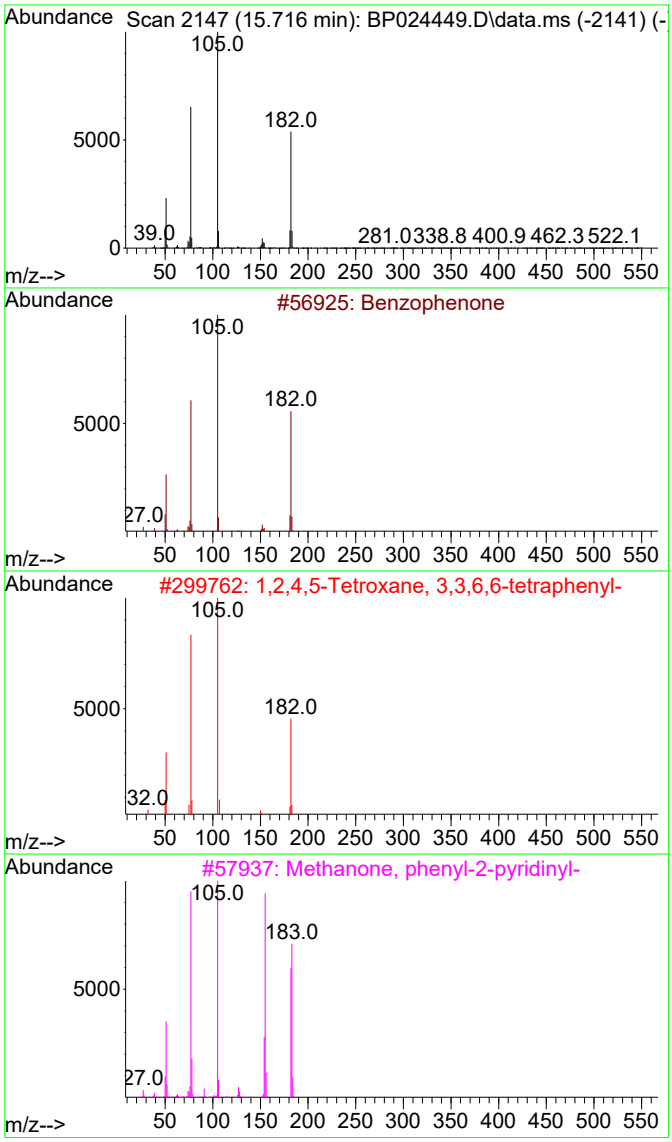
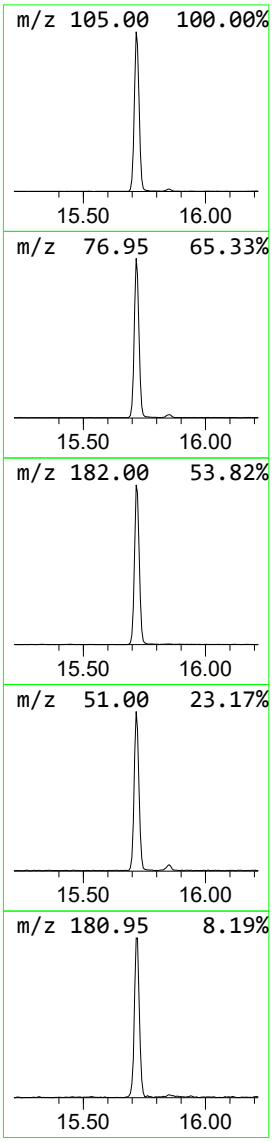
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.716	7.14 ng	755971	Acenaphthene-d10	14.339

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	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Azobenzene	182	C12H10N2	000103-33-3	45





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Sample : Q1892-09
Misc :
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Instrument :
BNA_P
ClientSampleId :
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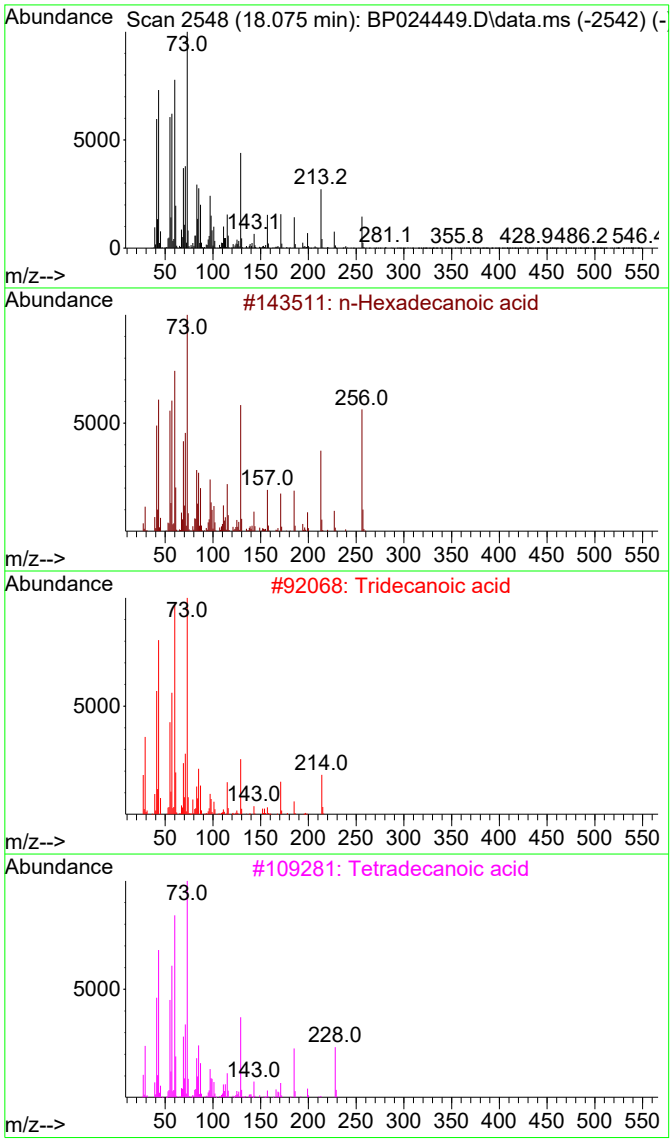
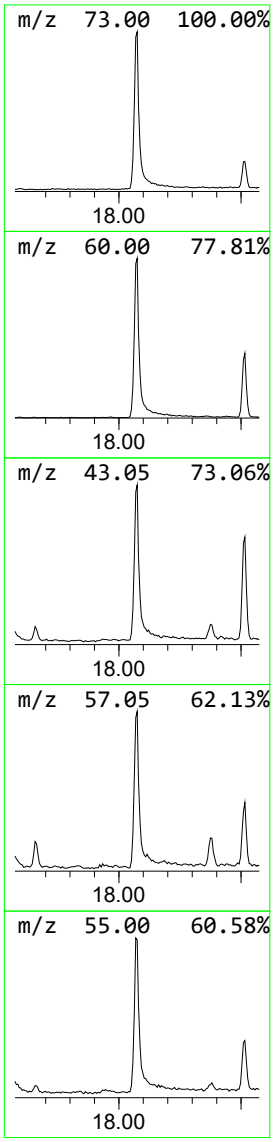
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	7.02 ng	860167	Phenanthrene-d10	17.133

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Sample : Q1892-09
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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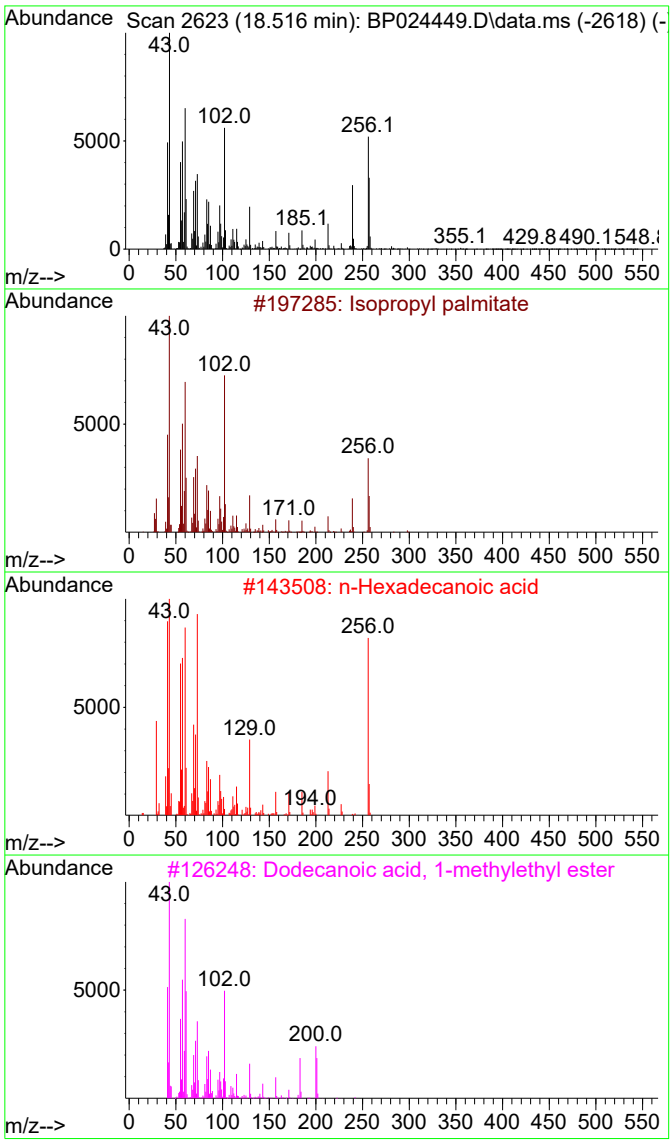
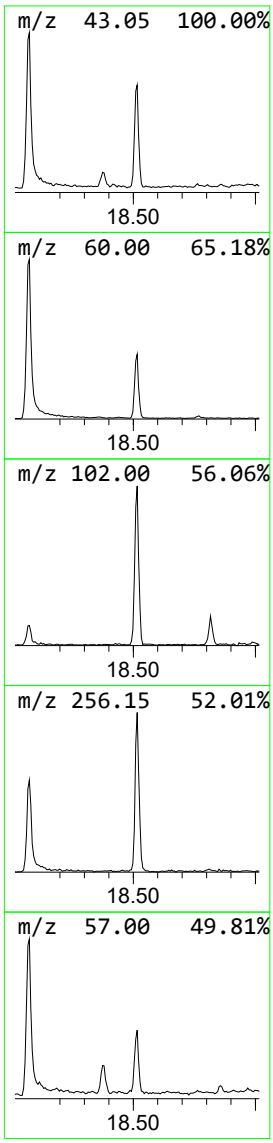
Peak Number 4 Isopropyl palmitate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	2.44 ng	299047	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
3	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	45
4	1-Methylbutyl hexadecanoate	326	C21H42O2	055195-08-9	35
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25





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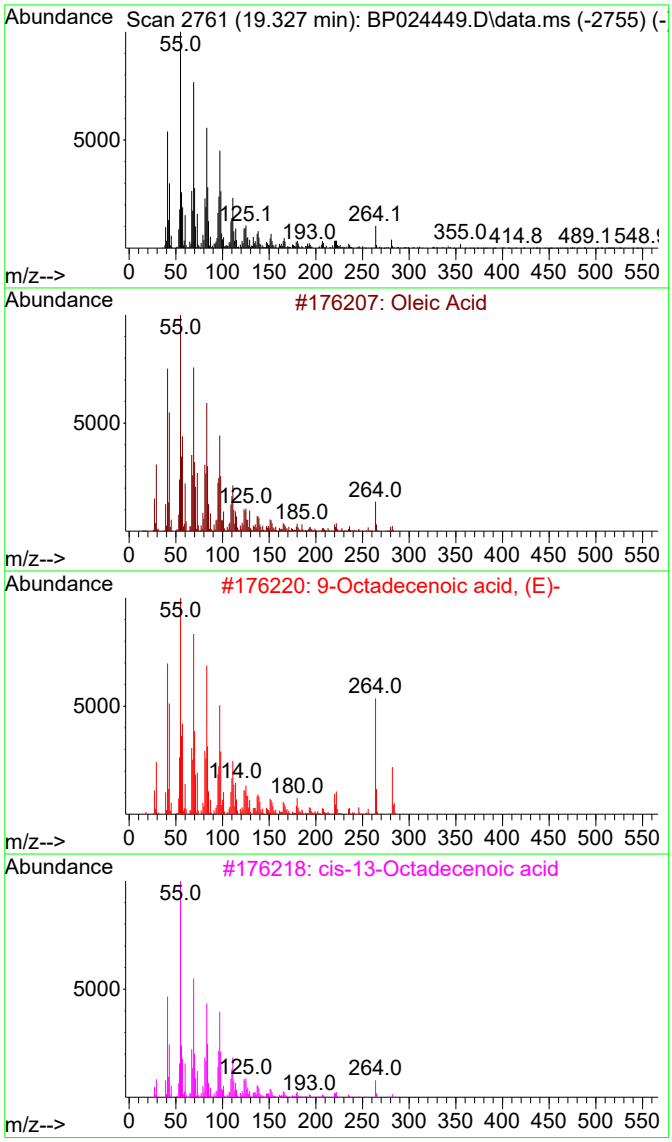
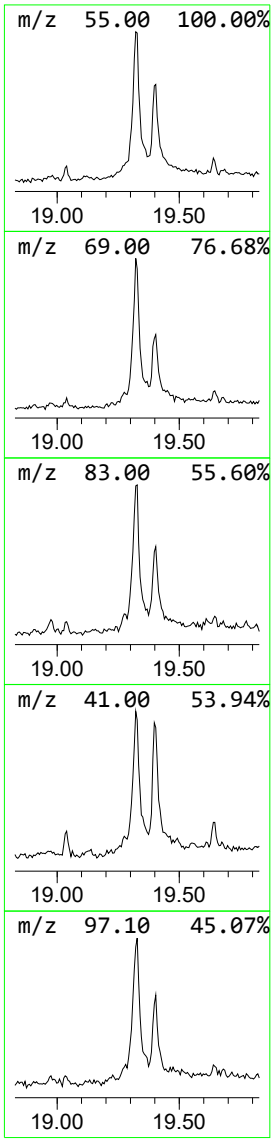
Peak Number 5 Oleic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.327	3.18 ng	389856	Phenanthrene-d10	17.133

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	89
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	83
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	74
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	70





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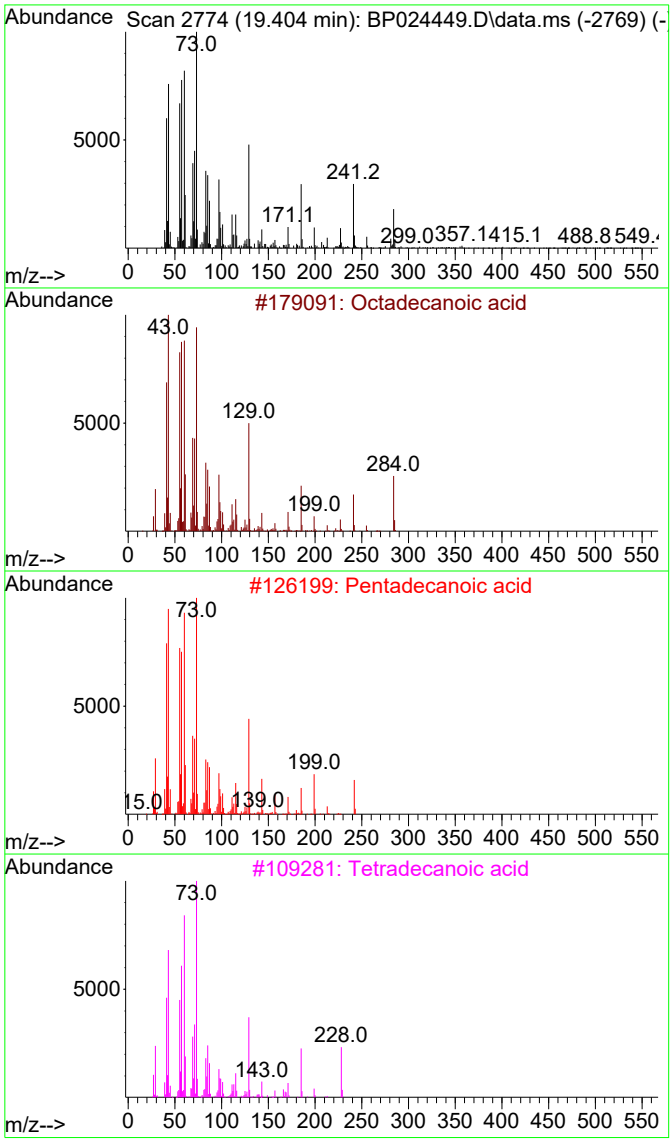
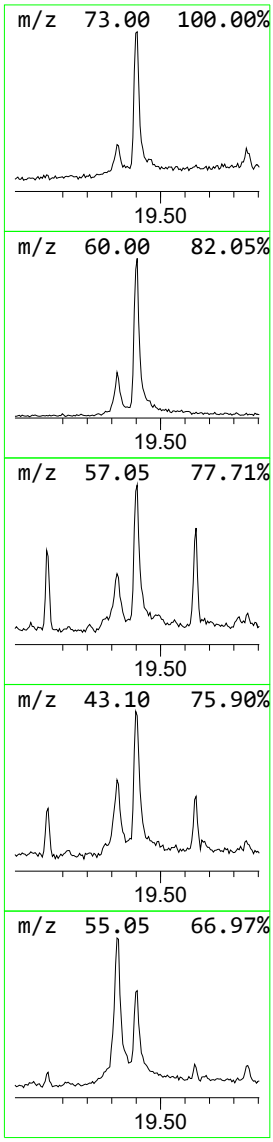
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	2.30 ng	337216	Chrysene-d12	21.586

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	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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TIC Library : C:\Database\NIST20.L
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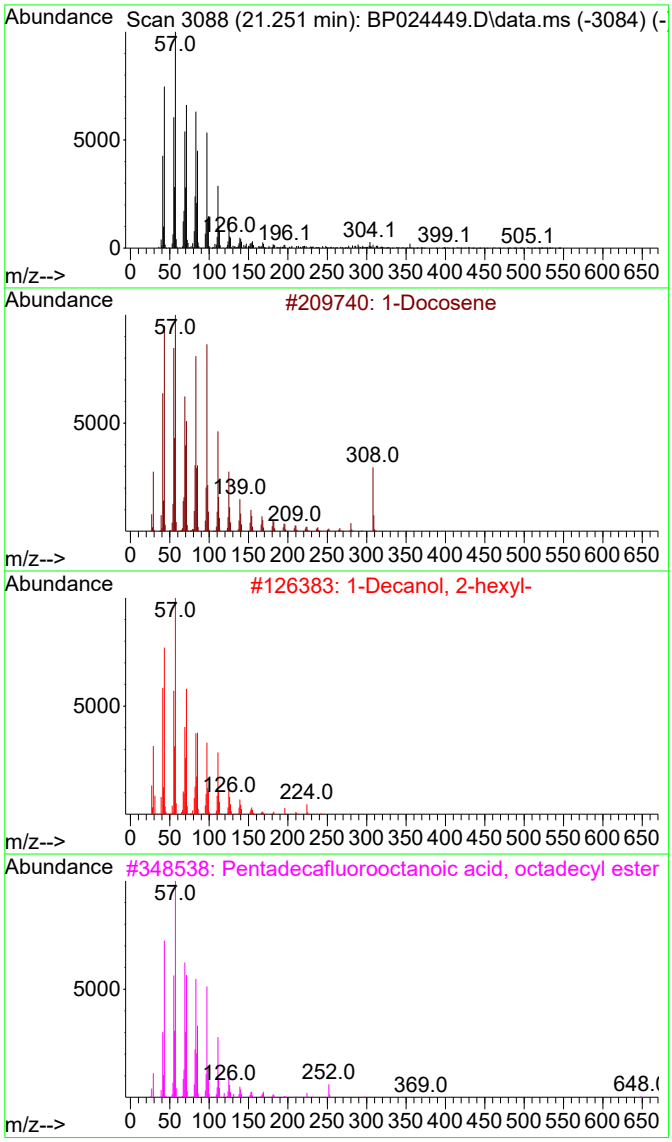
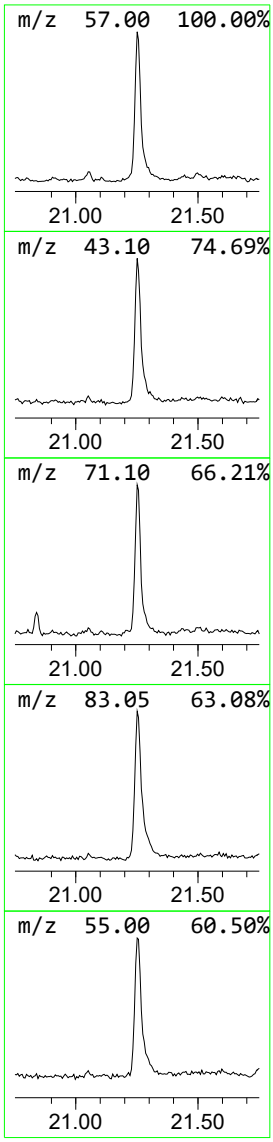
Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	4.03 ng	589972	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	93
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	92
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	86





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.881	4.8	ng	248559	1	7.716	1031880	20.0
Benzophenone	15.716	7.1	ng	755971	3	14.339	2118270	20.0
n-Hexadecanoic ...	18.075	7.0	ng	860167	4	17.133	2450880	20.0
Isopropyl palmi...	18.516	2.4	ng	299047	4	17.133	2450880	20.0
Oleic Acid	19.327	3.2	ng	389856	4	17.133	2450880	20.0
Octadecanoic acid	19.404	2.3	ng	337216	5	21.586	2927040	20.0
1-Docosene	21.251	4.0	ng	589972	5	21.586	2927040	20.0