LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
Data File : BP024344.D
Acq On : 18 Apr 2025 16:03
Operator : RC/JU
Sample : Q1814-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A3729

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: BP024344.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	299	306	314	rBV	210896	294813	2.24%	0.511%
2	5.340	377	383	396	rBV	1598155	2297613	17.44%	3.984%
3	6.905	639	649	668	rBV	821879	1423796	10.81%	2.469%
4	7.722	780	788	795	rBV	827874	1290913	9.80%	2.238%
5	8.869	976	983	993	rBV	2219338	3504245	26.61%	6.076%
6	10.493	1250	1259	1268	rBV	1065383	1723805	13.09%	2.989%
7	10.851	1314	1320	1343	rBV	239685	627905	4.77%	1.089%
8	12.957	1670	1678	1695	rBV	5544958	7955537	60.40%	13.793%
9	13.245	1720	1727	1734	rBV	185564	270300	2.05%	0.469%
10	14.351	1908	1915	1922	rBV	1337861	2235213	16.97%	3.875%
11	15.187	2047	2057	2068	rBV	309825	594071	4.51%	1.030%
12	15.863	2166	2172	2183	rBV	5034162	6841948	51.95%	11.862%
13	16.081	2203	2209	2221	rBV	99489	222531	1.69%	0.386%
14	17.081	2375	2379	2383	rBV	113199	137919	1.05%	0.239%
15	17.151	2383	2391	2399	rVV2	1603728	2639148	20.04%	4.576%
16	17.857	2505	2511	2518	rVB3	127497	229635	1.74%	0.398%
17	18.098	2546	2552	2558	rBV	1456141	2249261	17.08%	3.900%
18	18.151	2559	2561	2567	rVB	157534	229593	1.74%	0.398%
19	19.286	2750	2754	2763	rVV3	62344	141487	1.07%	0.245%
20	19.422	2772	2777	2797	rBV	721397	1419885	10.78%	2.462%
21	19.875	2848	2854	2860	rBV	10974235	13170745	100.00%	22.835%
22	20.698	2990	2994	2997	rBV	261393	291197	2.21%	0.505%
23	21.274	3088	3092	3107	rBV	304667	760605	5.77%	1.319%
24	21.598	3141	3147	3154	rBV	2154677	3303517	25.08%	5.728%
25	24.939	3707	3715	3730	rVB	1545733	3821961	29.02%	6.626%

Sum of corrected areas: 57677643

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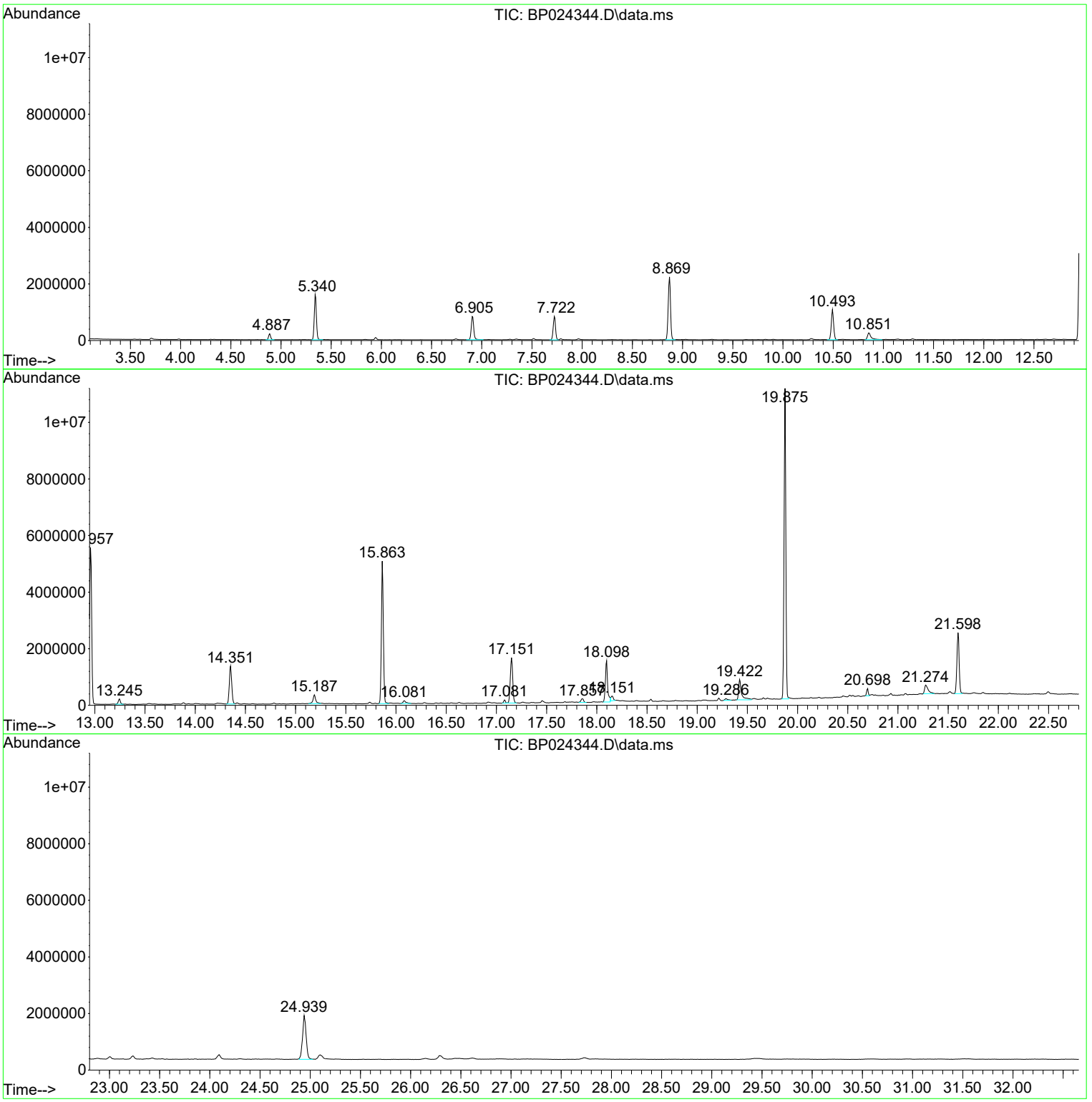
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
Data File : BP024344.D
Acq On : 18 Apr 2025 16:03
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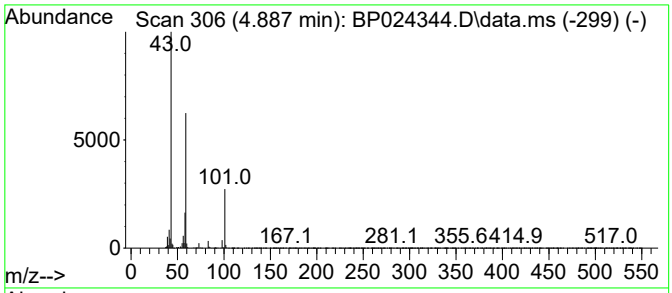
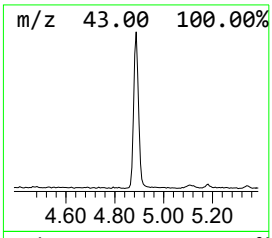
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

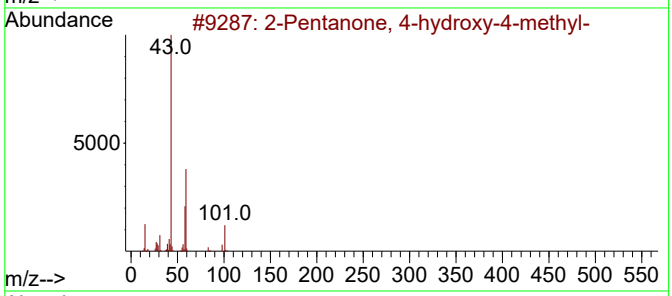
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

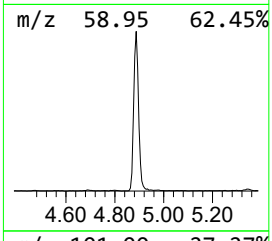
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	4.57 ng	294813	1,4-Dichlorobenzene-d4	7.722

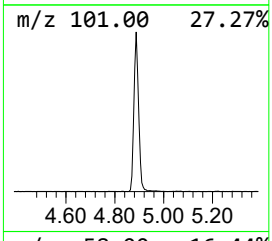
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	38
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Tetraglyme	222	C10H22O5	000143-24-8	25

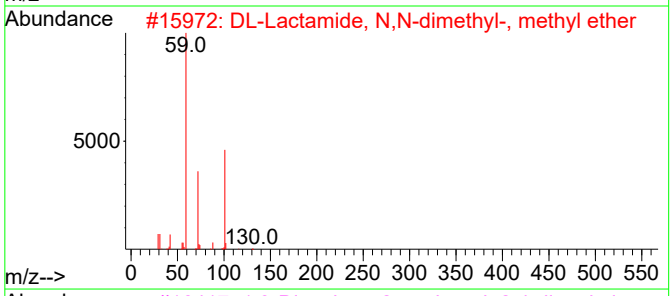


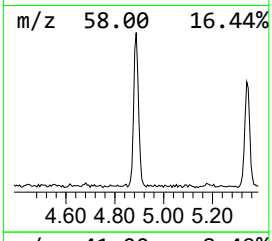


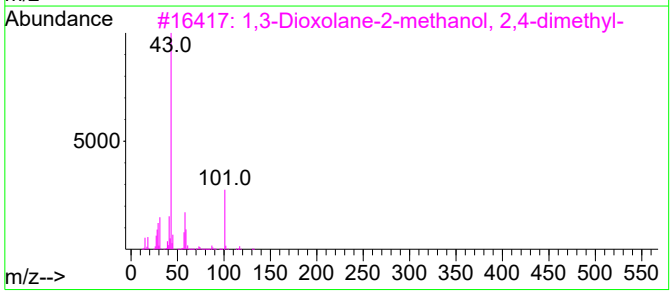


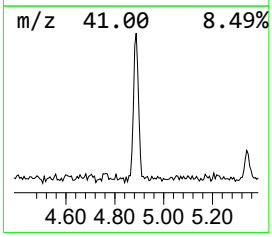












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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

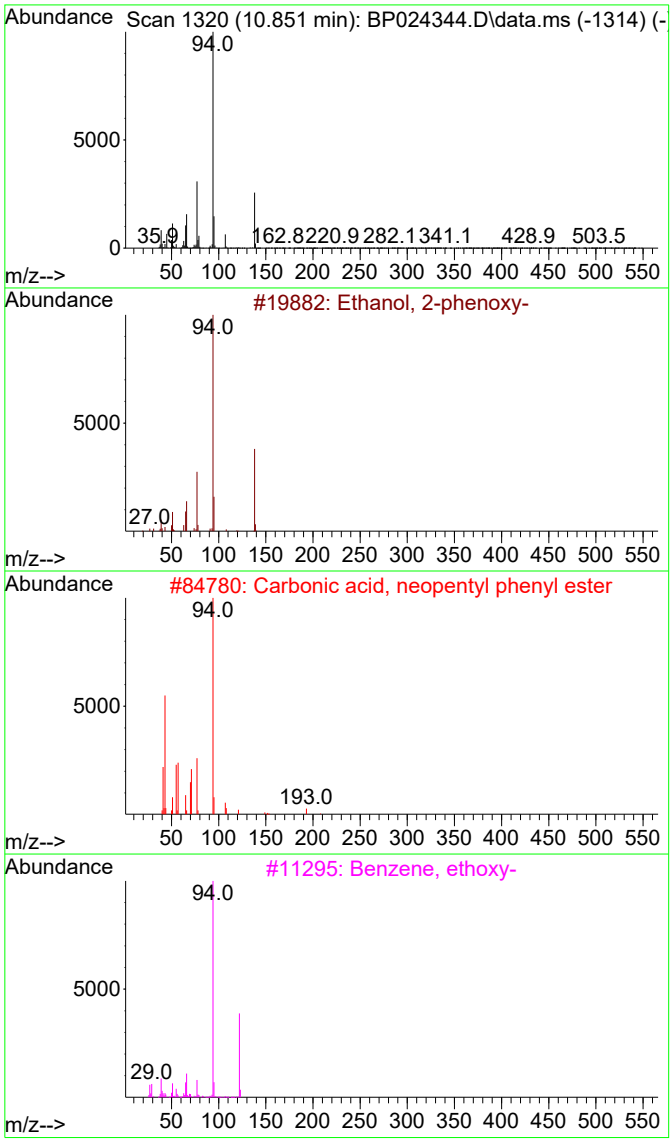
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

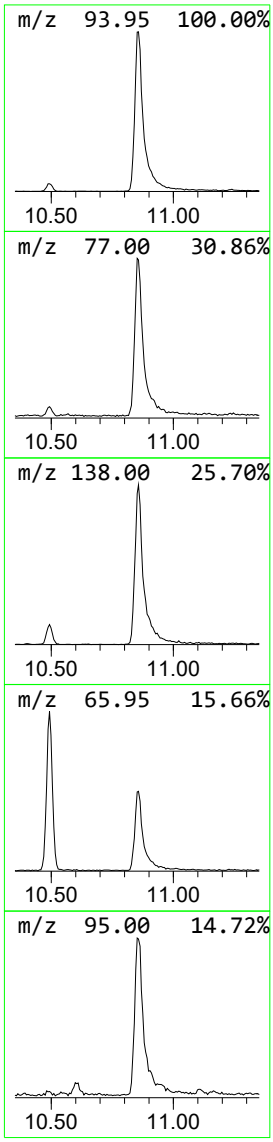
****

Peak Number 2 Ethanol, 2-phenoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.852	7.29 ng	627905	Naphthalene-d8	10.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	95
2	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64
3	Benzene, ethoxy-	122	C8H10O	000103-73-1	59
4	Pyrimidine, 5-methyl-	94	C5H6N2	002036-41-1	52
5	Acetic acid, phenyl ester	136	C8H8O2	000122-79-2	50





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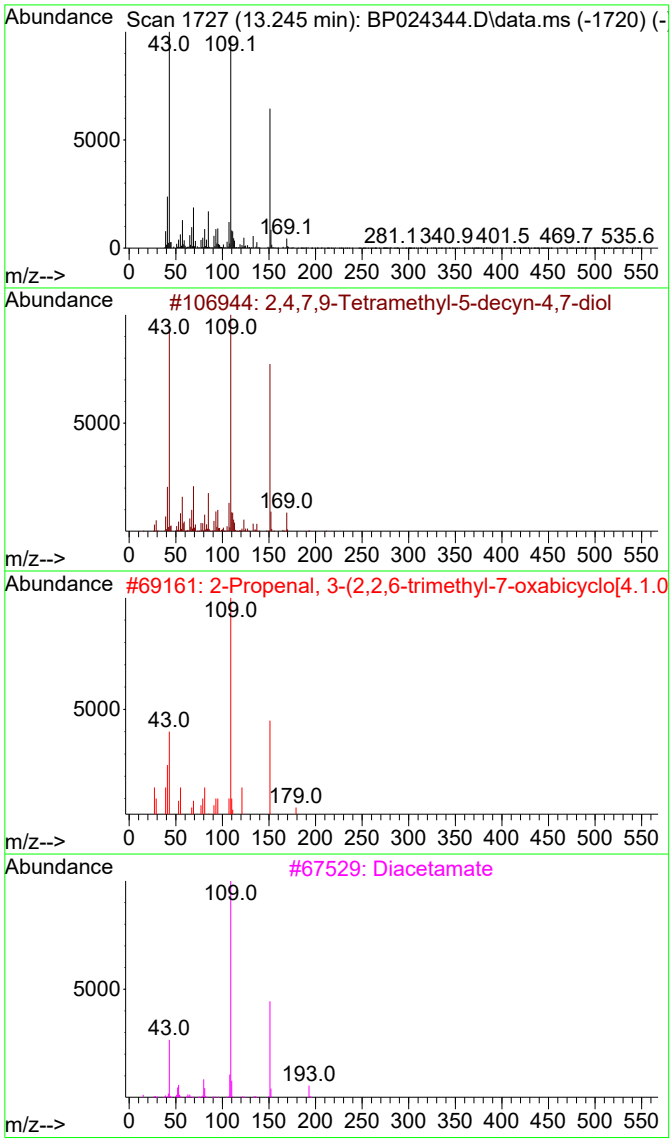
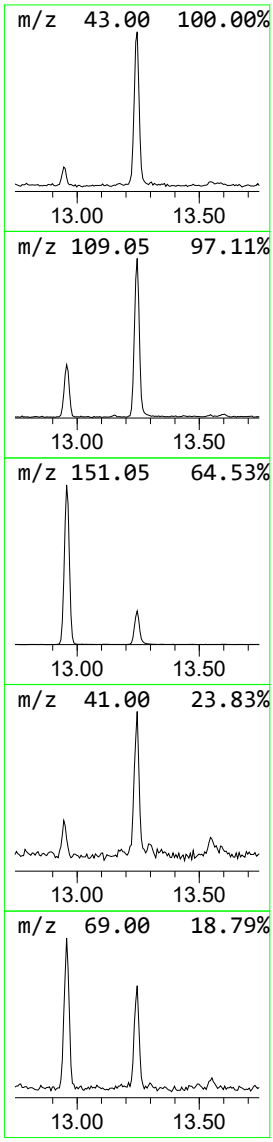
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.246	2.42 ng	270300	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	64
3	Diacetamate	193	C10H11NO3	002623-33-8	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43





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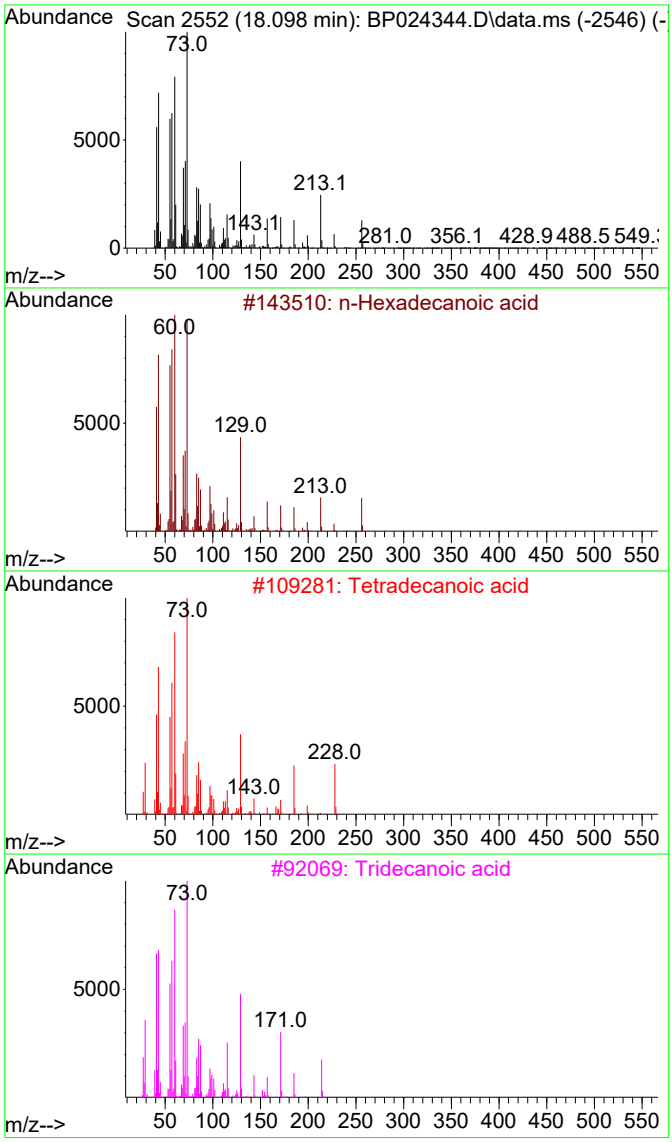
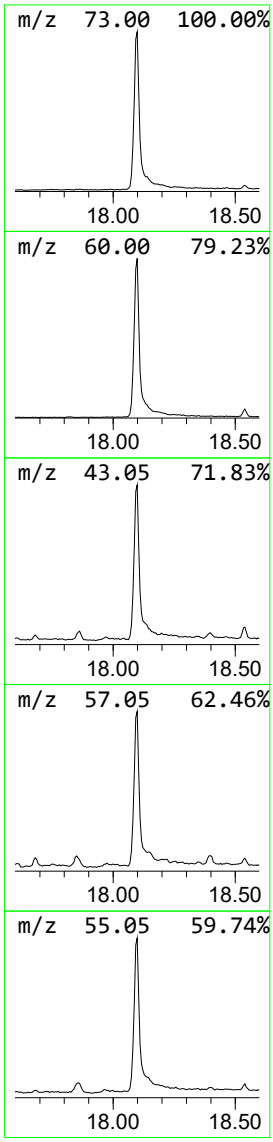
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	17.05 ng	2249260	Phenanthrene-d10	17.151

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	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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TIC Library : C:\Database\NIST20.L
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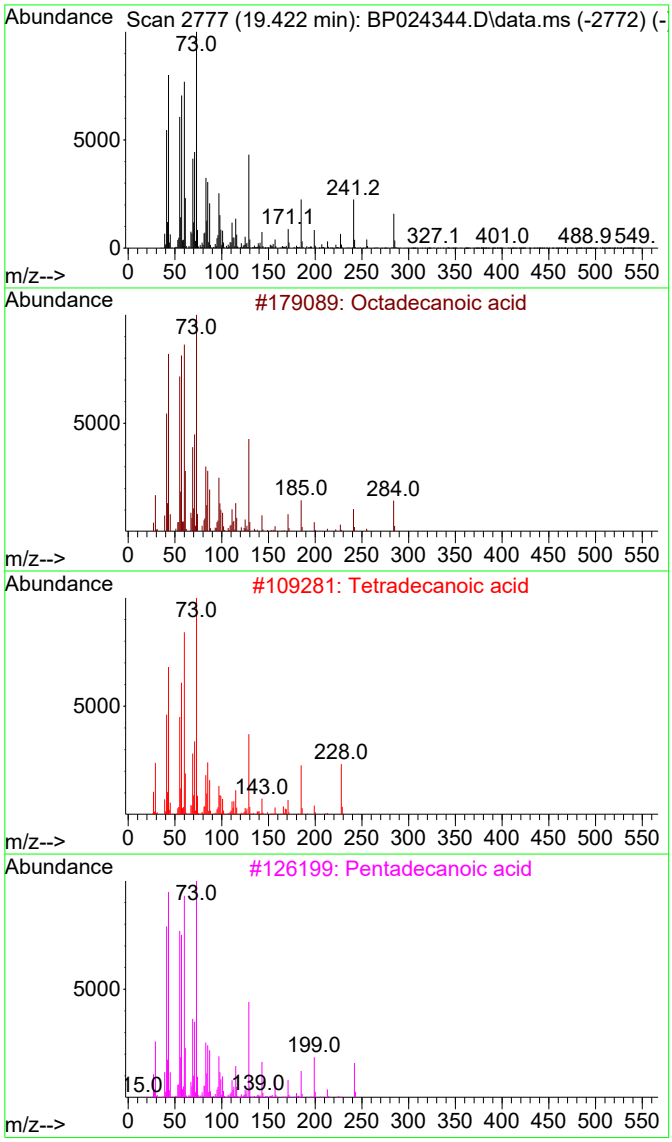
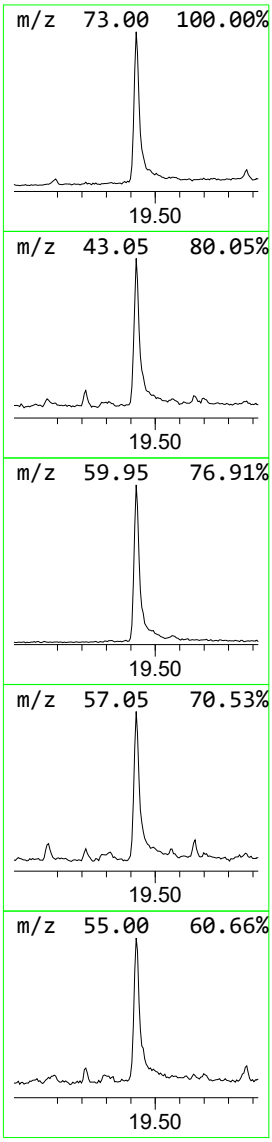
Peak Number 5 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.422	8.60 ng	1419890	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





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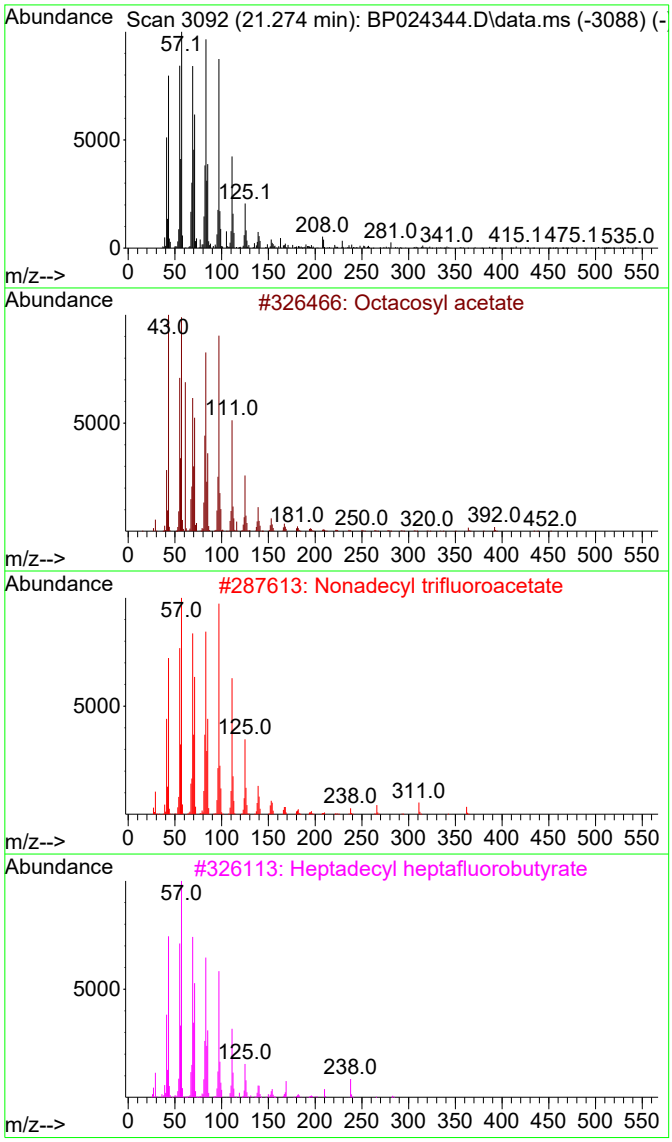
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

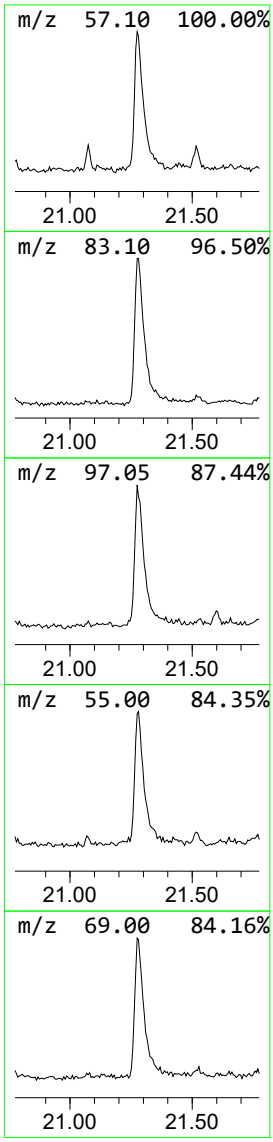
****

Peak Number 6 Octacosyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.275	4.60 ng	760605	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	95
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.887	4.6	ng	294813	1	7.722	1290910	20.0
Ethanol, 2-phen...	10.852	7.3	ng	627905	2	10.493	1723810	20.0
2,4,7,9-Tetrame...	13.246	2.4	ng	270300	3	14.351	2235210	20.0
n-Hexadecanoic ...	18.098	17.1	ng	2249260	4	17.151	2639150	20.0
Octadecanoic acid	19.422	8.6	ng	1419890	5	21.598	3303520	20.0
Octacosyl acetate	21.275	4.6	ng	760605	5	21.598	3303520	20.0