LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024240.D
Acq On : 09 Apr 2025 18:22
Operator : RC/JU
Sample : Q1746-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-149-SB01

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-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024240.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	303	308	319	rVB	516946	739410	5.60%	1.016%
2	5.358	379	386	394	rBV	4159870	5806304	43.95%	7.977%
3	6.922	643	652	669	rBV	4014465	6245061	47.28%	8.580%
4	7.740	784	791	798	rBV	1056052	1563765	11.84%	2.148%
5	8.887	979	986	996	rBV	2500125	3907865	29.58%	5.369%
6	9.446	1074	1081	1094	rVB	80028	140502	1.06%	0.193%
7	10.516	1254	1263	1269	rBV	1345537	2218376	16.79%	3.048%
8	12.987	1674	1683	1701	rBV	5664759	8703197	65.88%	11.957%
9	14.375	1910	1919	1925	rBV	2108560	2922775	22.13%	4.015%
10	15.751	2147	2153	2161	rBV	775094	1129671	8.55%	1.552%
11	15.886	2169	2176	2185	rBV	4306445	6446570	48.80%	8.856%
12	17.175	2388	2395	2399	rBV2	2419788	3441649	26.05%	4.728%
13	17.210	2399	2401	2408	rVB	376376	464620	3.52%	0.638%
14	18.116	2550	2555	2565	rBV2	660838	977827	7.40%	1.343%
15	18.275	2577	2582	2586	rBV2	96098	187969	1.42%	0.258%
16	19.292	2750	2755	2764	rBV	797023	1191185	9.02%	1.636%
17	19.439	2776	2780	2786	rBV2	195263	254327	1.93%	0.349%
18	19.580	2800	2804	2810	rVB	672534	768787	5.82%	1.056%
19	19.675	2812	2820	2825	rVV	824209	1250285	9.46%	1.718%
20	19.898	2852	2858	2869	rVB	9471598	13209906	100.00%	18.148%
21	20.710	2992	2996	3002	rBV	834841	1030218	7.80%	1.415%
22	21.292	3091	3095	3100	rBV3	295818	487454	3.69%	0.670%
23	21.621	3143	3151	3156	rBV2	2602647	4831752	36.58%	6.638%
24	21.663	3156	3158	3170	rVB	373073	621547	4.71%	0.854%
25	24.998	3716	3725	3734	rBV	1527773	4248736	32.16%	5.837%

Sum of corrected areas: 72789758

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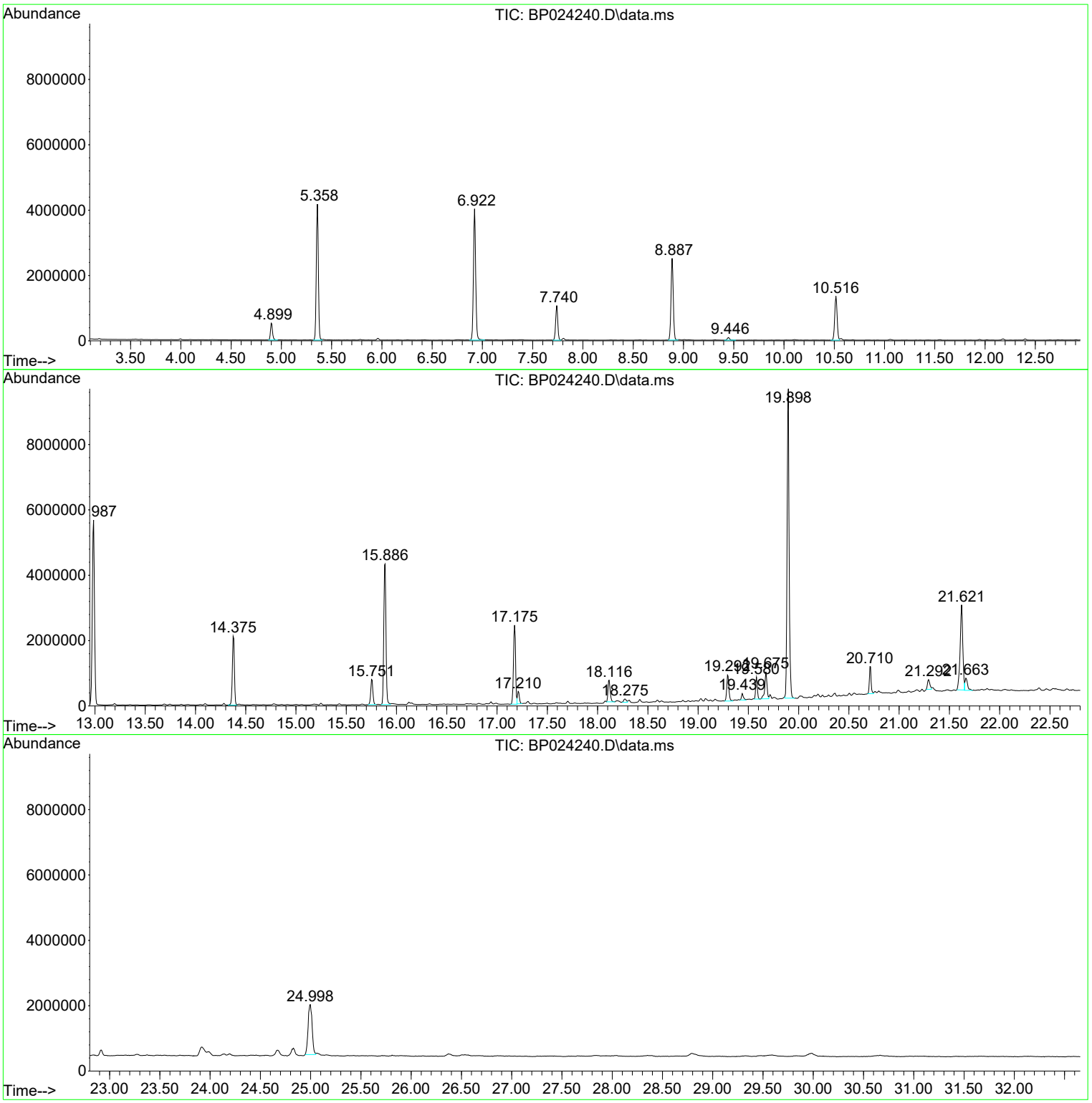
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Library : C:\Database\NIST20.L
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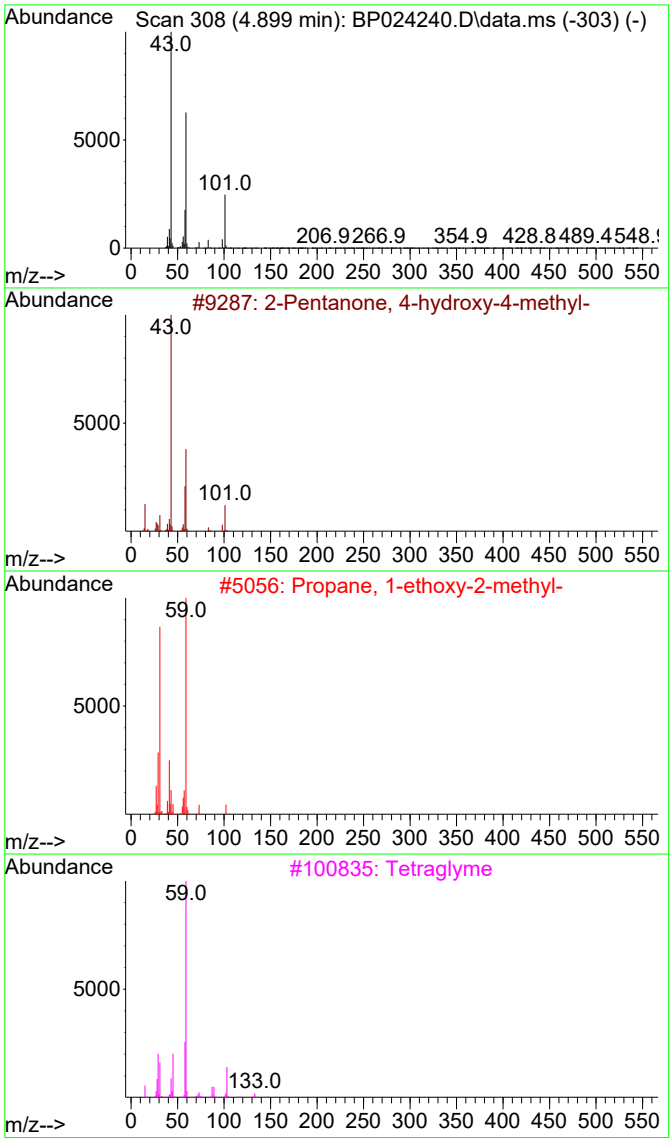
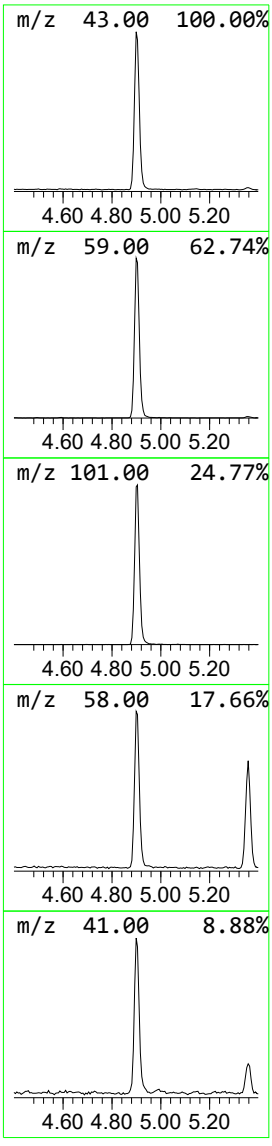
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	9.46 ng	739410	1,4-Dichlorobenzene-d4	7.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3	Tetraglyme	222	C10H22O5	000143-24-8	25
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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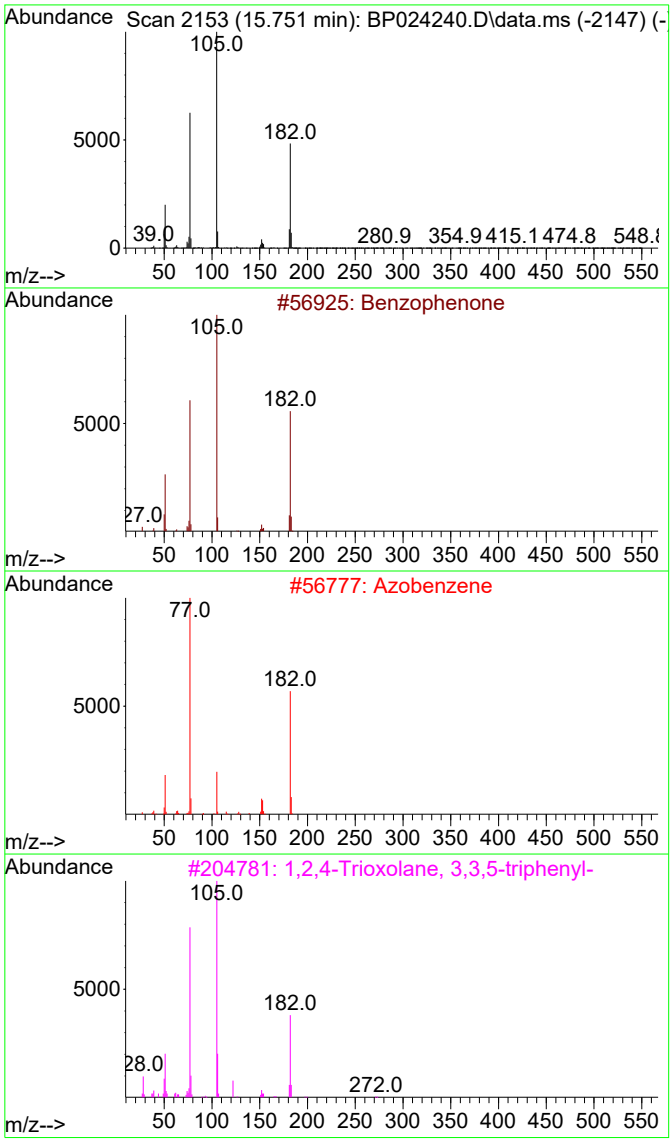
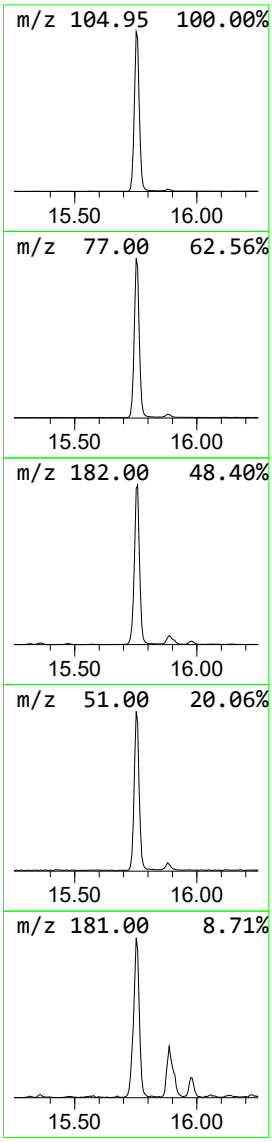
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	7.73 ng	1129670	Acenaphthene-d10	14.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
5	Benzene, 4-methyl-1,2-dinitro-	182	C7H6N2O4	000610-39-9	43





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Operator : RC/JU
Sample : Q1746-01
Misc :
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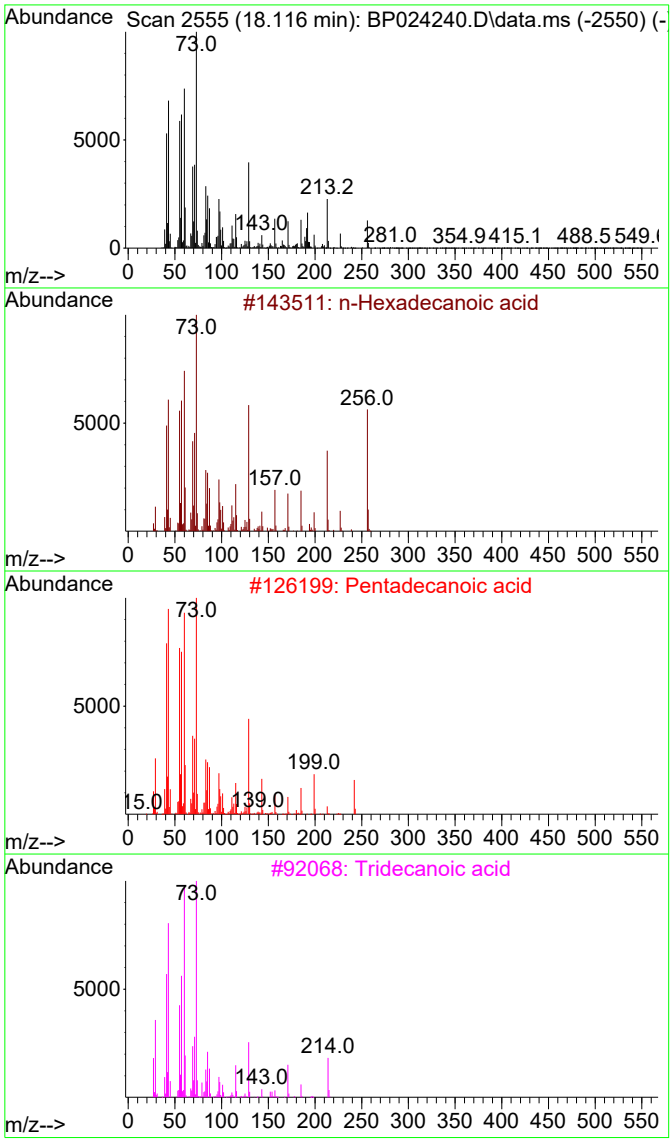
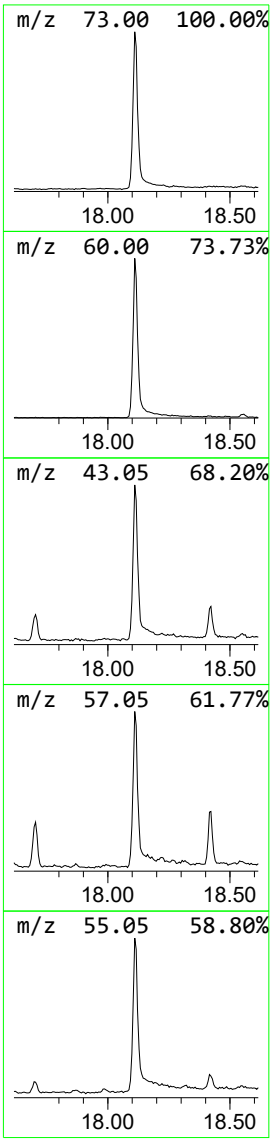
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	5.68 ng	977827	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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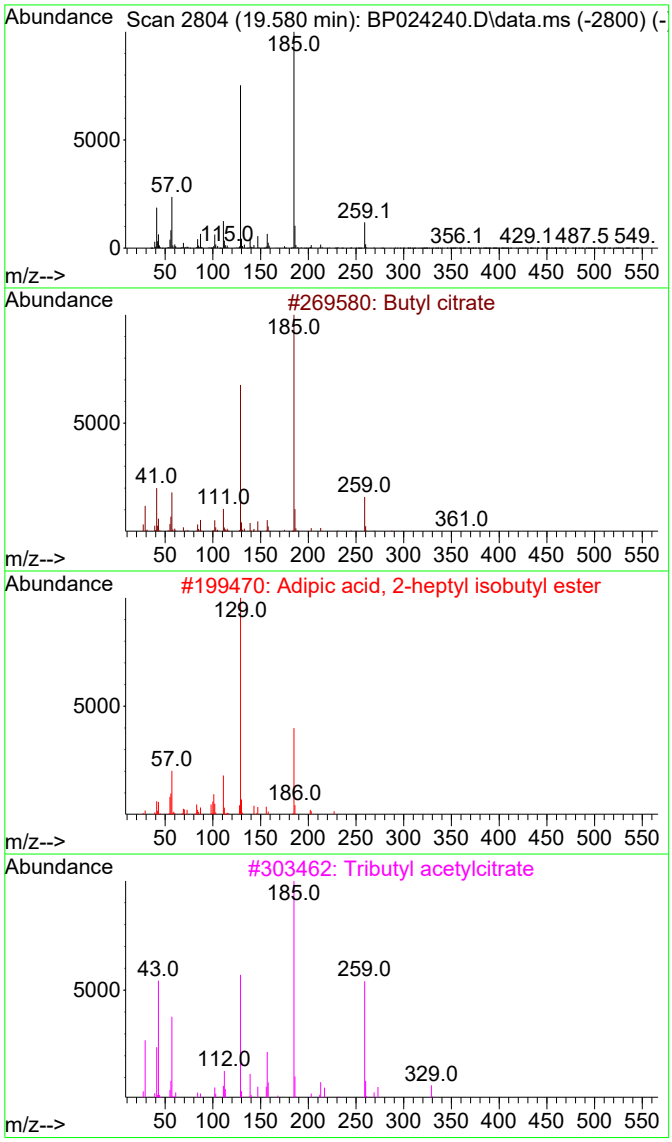
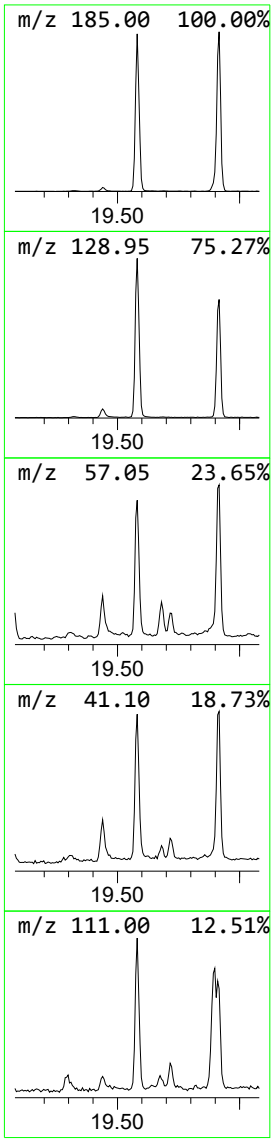
Peak Number 4 Butyl citrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.580	3.18 ng	768787	Chrysene-d12	21.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Adipic acid, 2-heptyl isobutyl e...	300	C17H32O4	1000353-64-3	64
3	Tributyl acetylcitrate	402	C20H34O8	000077-90-7	59
4	Adipic acid, 3,3-dimethylbut-2-y...	286	C16H30O4	1000353-66-7	56
5	Adipic acid, 4-bromophenyl butyl...	356	C16H21BrO4	1000324-37-9	56





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
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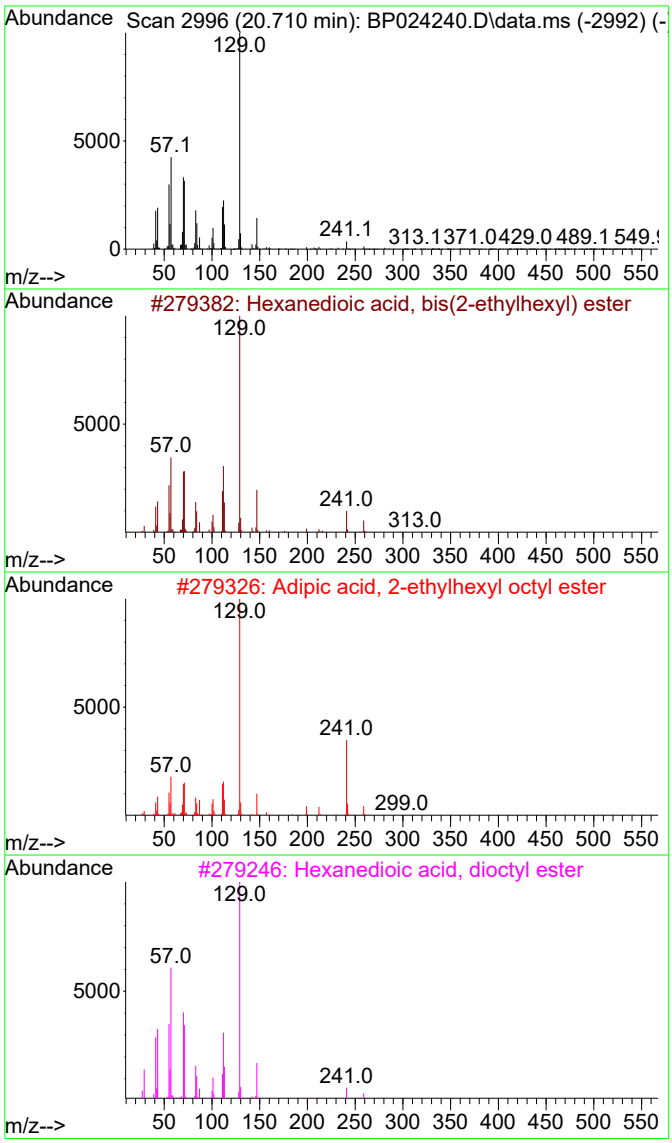
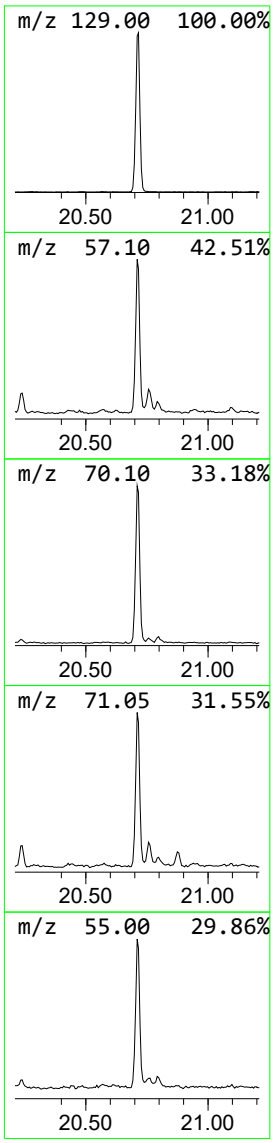
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.710	4.26 ng	1030220	Chrysene-d12	21.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	64
5	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	59





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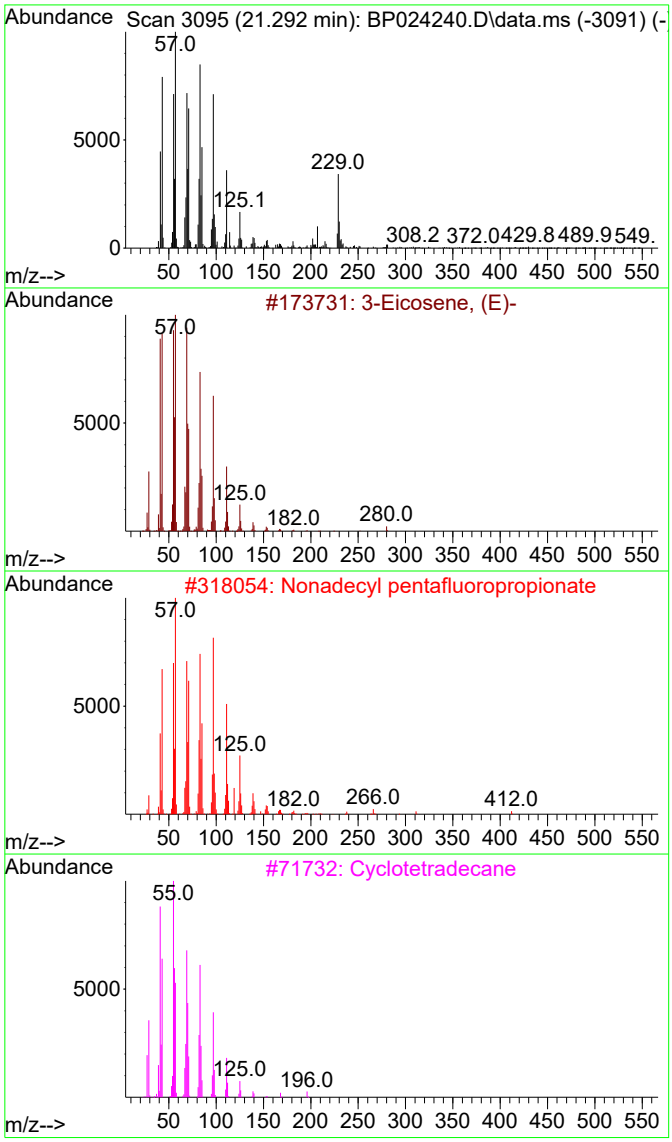
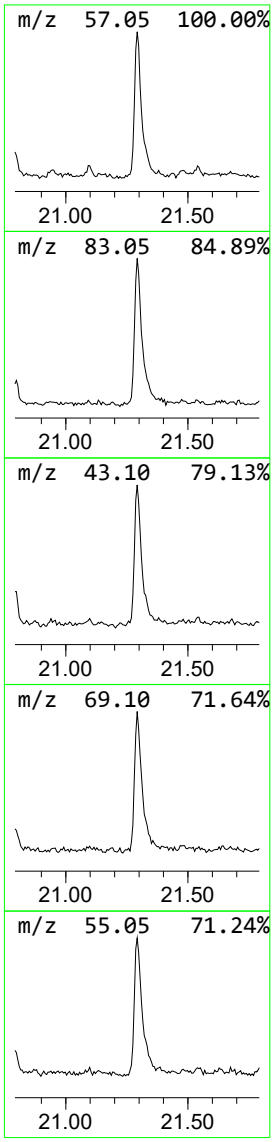
Peak Number 6 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.292	2.02 ng	487454	Chrysene-d12	21.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
3	Cyclotetradecane	196	C14H28	000295-17-0	81
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	76
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76





Tentatively Identified Compound (LSC) summary

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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-...	4.899	9.5	ng	739410	1	7.740	1563770	20.0
Benzophenone	15.751	7.7	ng	1129670	3	14.375	2922780	20.0
n-Hexadecanoic ...	18.116	5.7	ng	977827	4	17.175	3441650	20.0
Butyl citrate	19.580	3.2	ng	768787	5	21.622	4831750	20.0
Hexanedioic aci...	20.710	4.3	ng	1030220	5	21.622	4831750	20.0
3-Eicosene, (E)-	21.292	2.0	ng	487454	5	21.622	4831750	20.0