LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024921.D
Acq On : 11 Jun 2025 21:11
Operator : RC/JU
Sample : Q2241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-S

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: BP024921.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	322	rBV	247955	367443	3.55%	0.610%
2	5.243	386	392	418	rBV	2852325	4368480	42.17%	7.256%
3	6.819	653	660	687	rBV	2664263	4641174	44.80%	7.709%
4	7.613	788	795	806	rBV	1061779	1646971	15.90%	2.735%
5	8.760	983	990	1007	rBV	1655765	2925333	28.24%	4.859%
6	10.384	1259	1266	1283	rBV	1300981	2270087	21.91%	3.770%
7	12.860	1679	1687	1710	rBV	4027727	6338032	61.18%	10.527%
8	14.254	1918	1924	1937	rBV	1972464	2949509	28.47%	4.899%
9	15.648	2155	2161	2176	rBV	617014	854928	8.25%	1.420%
10	15.789	2178	2185	2204	rBV	3352345	5772298	55.72%	9.587%
11	17.072	2397	2403	2417	rBV2	2646961	3633961	35.08%	6.036%
12	18.013	2558	2563	2573	rBV	672498	1060936	10.24%	1.762%
13	19.207	2762	2766	2769	rBV	105398	171588	1.66%	0.285%
14	19.242	2769	2772	2777	rVB	178607	233050	2.25%	0.387%
15	19.342	2785	2789	2796	rBV	220070	349385	3.37%	0.580%
16	19.489	2810	2814	2822	rVB2	368230	465129	4.49%	0.773%
17	19.578	2826	2829	2832	rBV	109460	147828	1.43%	0.246%
18	19.789	2860	2865	2877	rVB	7575798	10360324	100.00%	17.208%
19	20.525	2987	2990	2996	rVB	859701	1044168	10.08%	1.734%
20	20.583	2996	3000	3006	rVB	255754	364069	3.51%	0.605%
21	21.160	3095	3098	3107	rVB	398802	656898	6.34%	1.091%
22	21.489	3148	3154	3160	rBV2	2726570	4532625	43.75%	7.528%
23	24.754	3701	3709	3720	rVB2	1797328	5053293	48.78%	8.393%

Sum of corrected areas: 60207509

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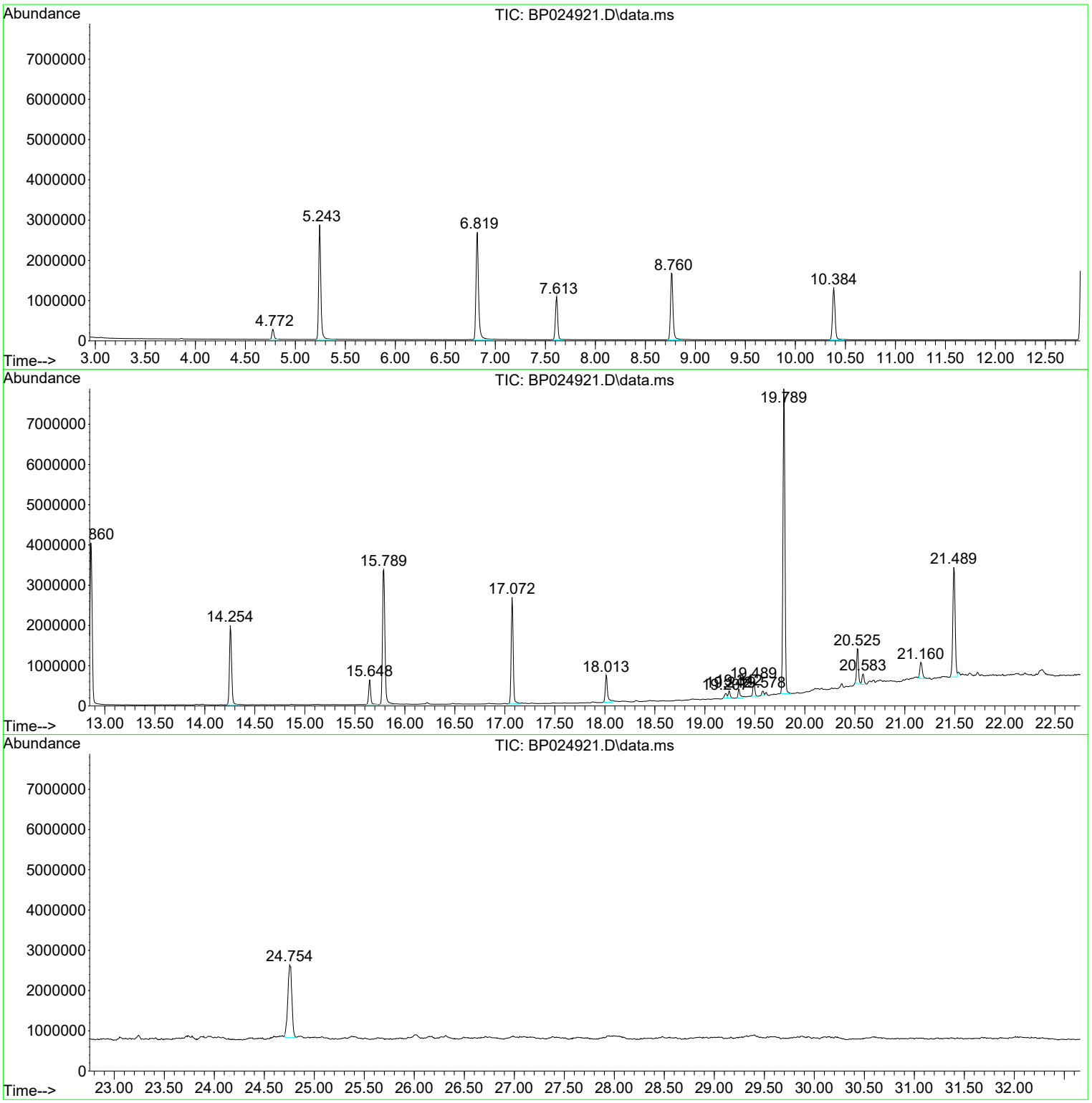
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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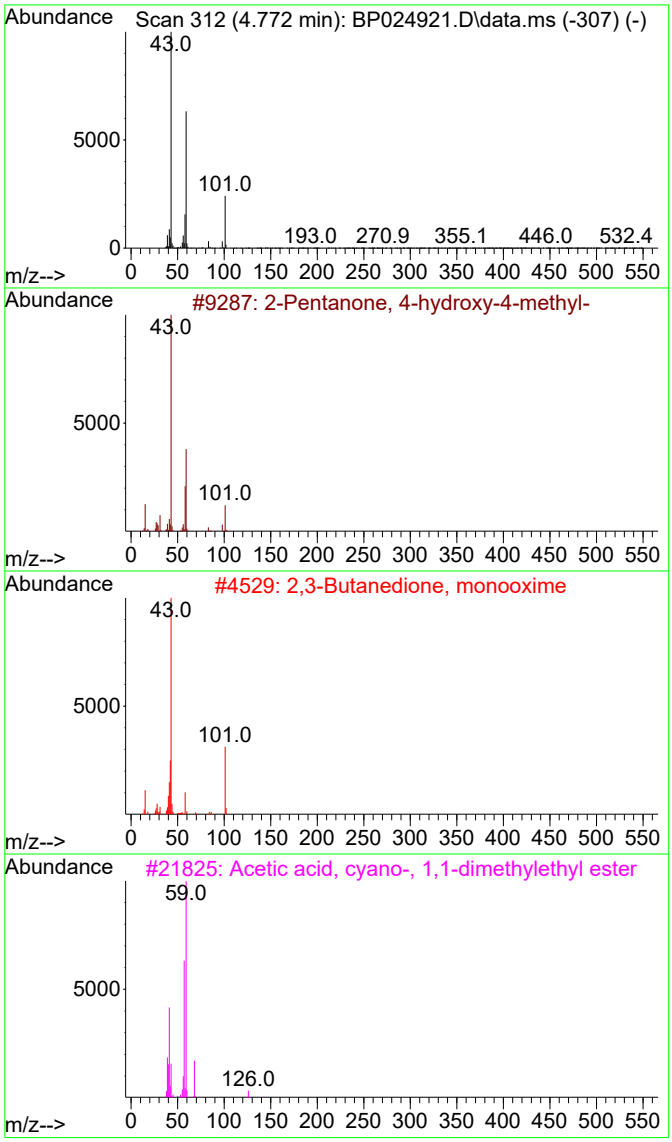
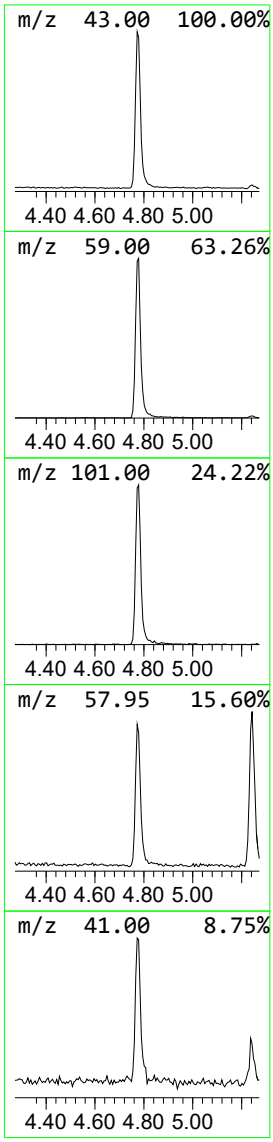
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	4.46 ng	367443	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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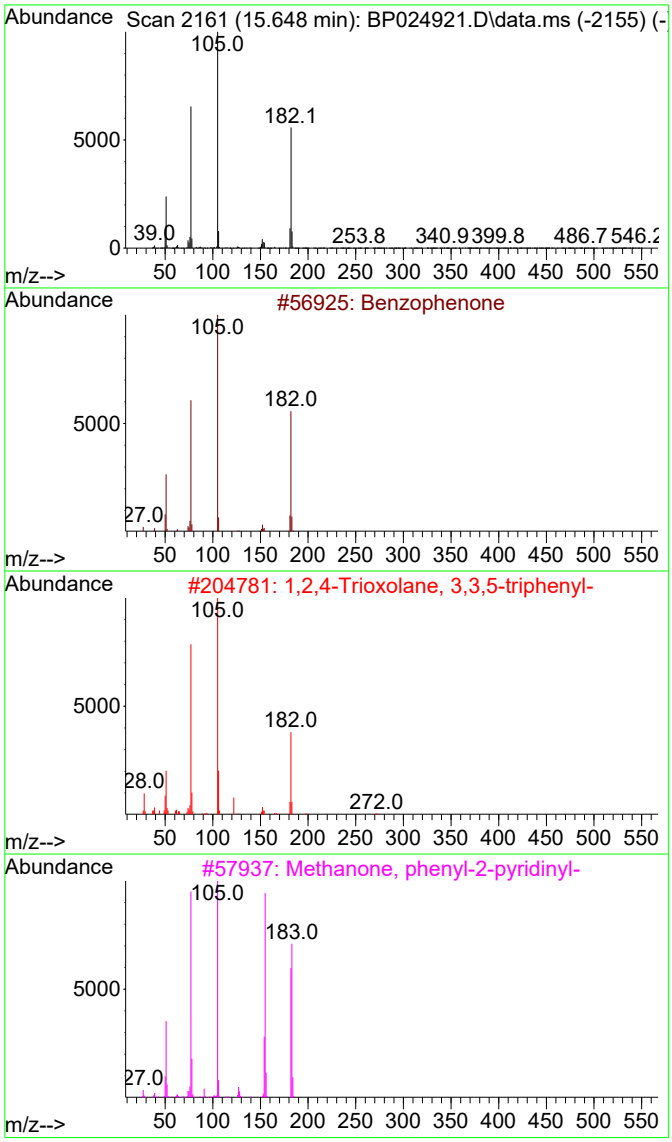
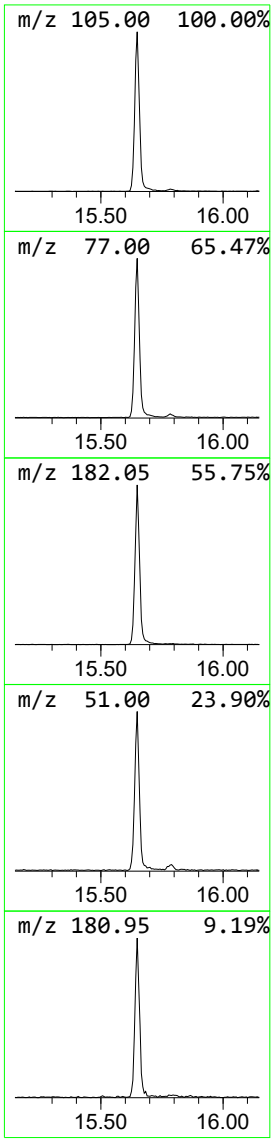
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.648	5.80 ng	854928	Acenaphthene-d10	14.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5	Azobenzene	182	C12H10N2	000103-33-3	42





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Operator : RC/JU
Sample : Q2241-05
Misc :
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Instrument :
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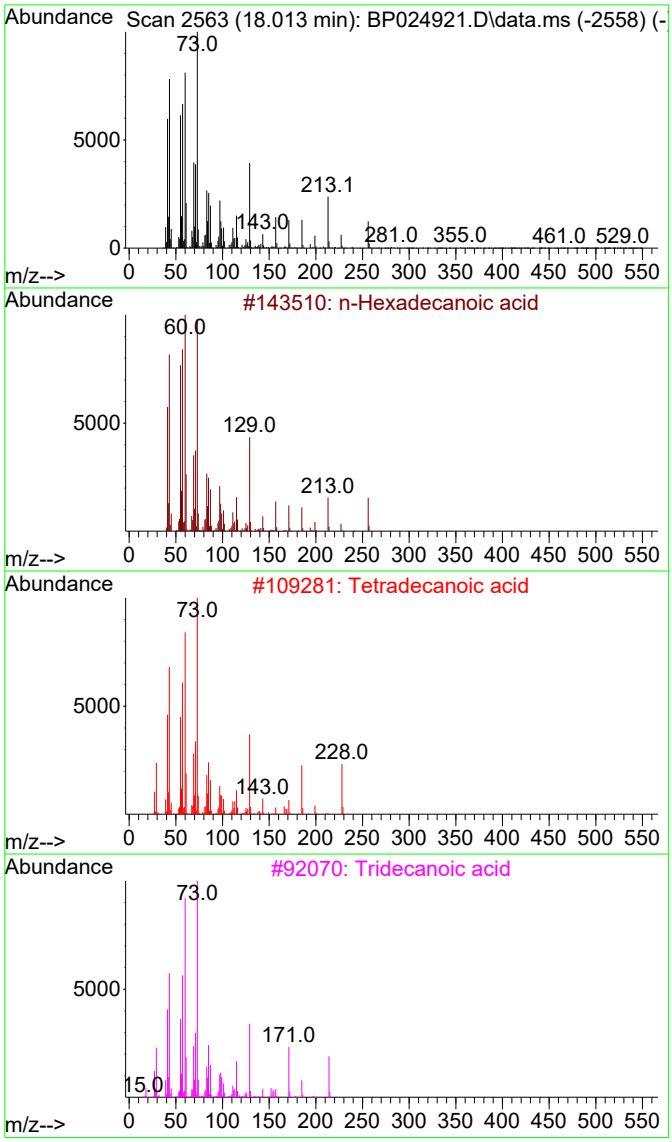
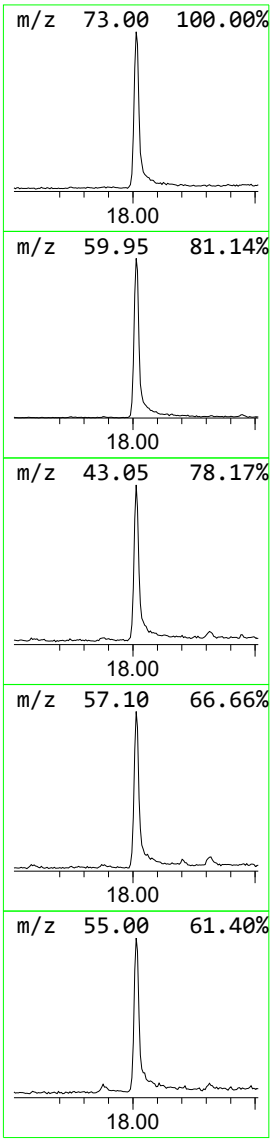
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.013	5.84 ng	1060940	Phenanthrene-d10	17.072

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Instrument :
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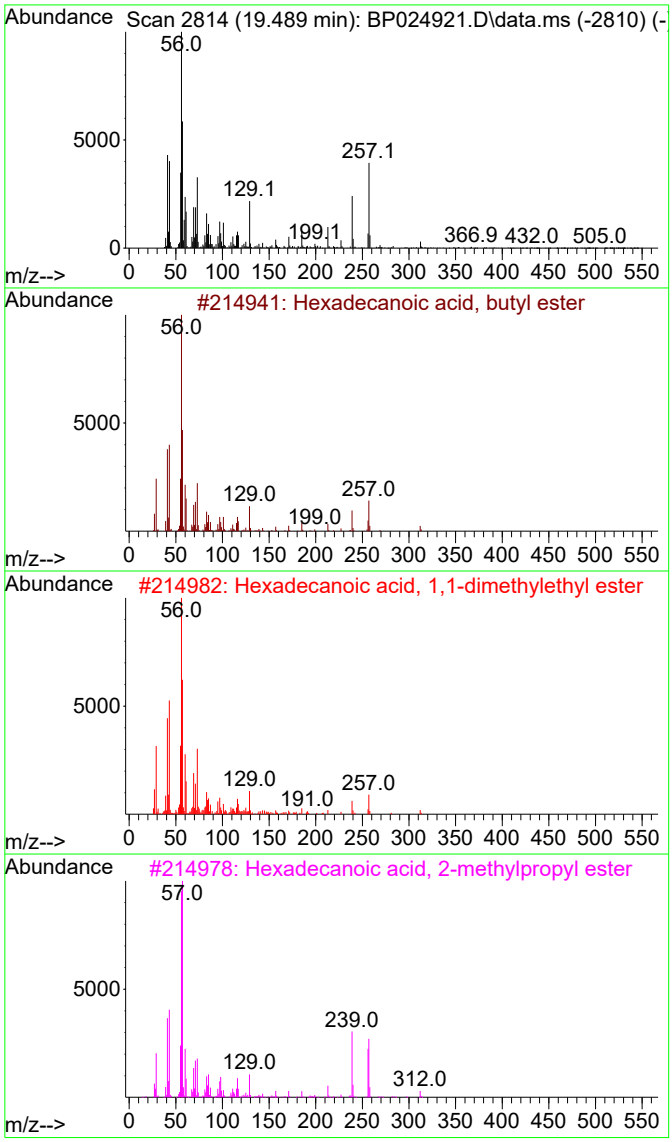
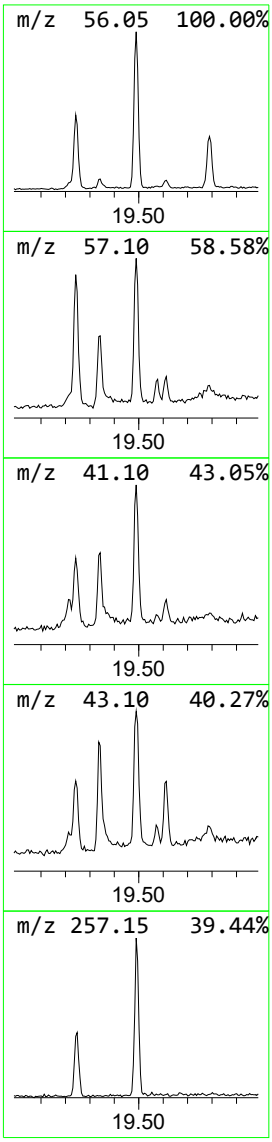
****
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.489	2.05 ng	465129	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	97
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	68
4	Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	22
5	Hexadecanoic acid, heptyl ester	354	C23H46O2	1000405-21-2	12





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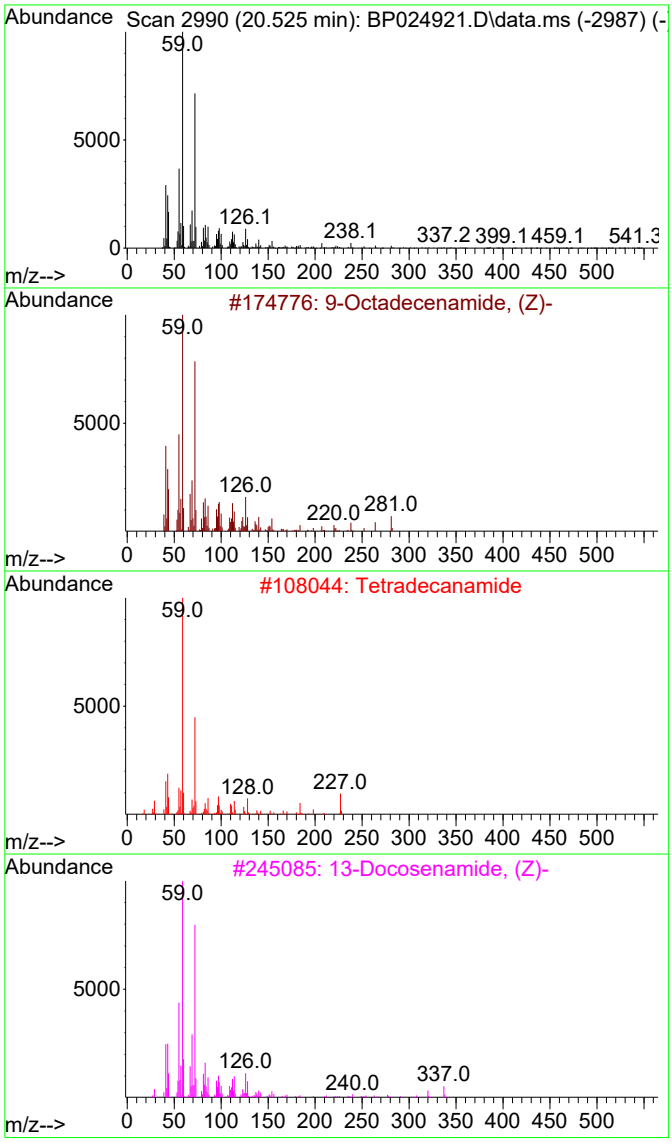
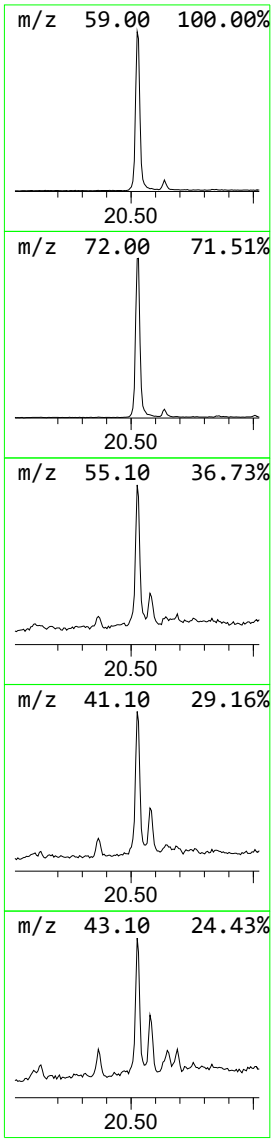
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.525	4.61 ng	1044170	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	Tetradecanamide	227	C14H29NO	000638-58-4	78
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	60
4	Octanamide	143	C8H17NO	000629-01-6	59
5	Nonanamide	157	C9H19NO	001120-07-6	59





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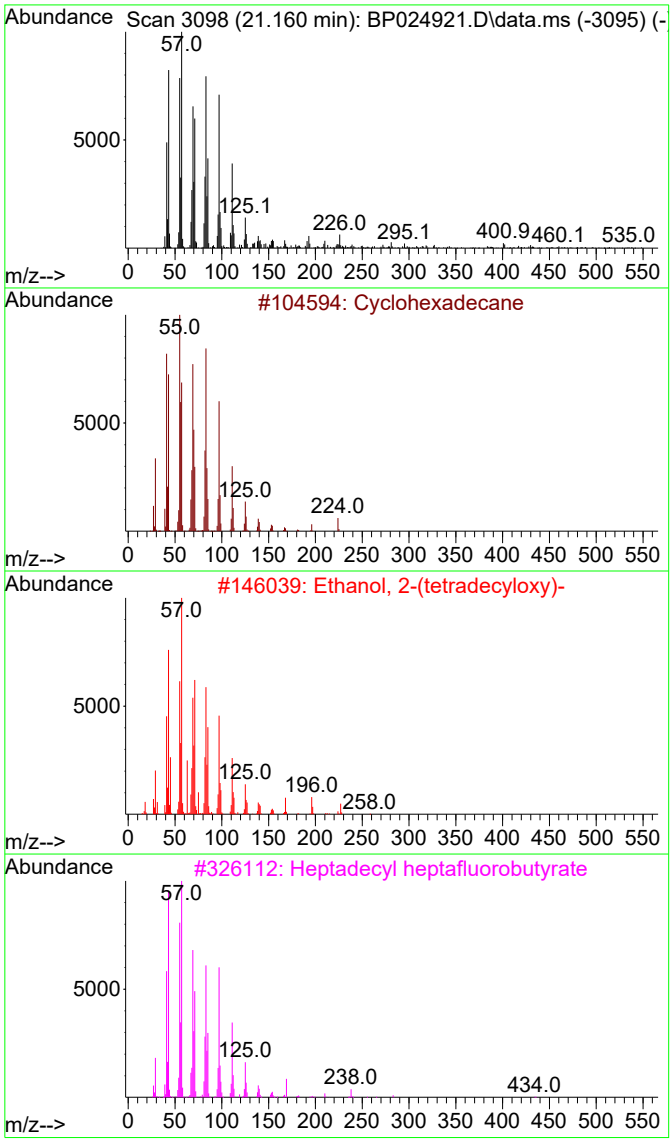
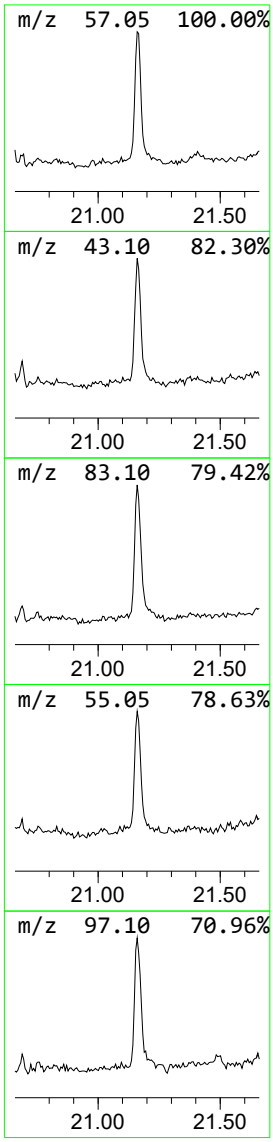
****

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.160	2.90 ng	656898	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	93





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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-...	4.772	4.5	ng	367443	1	7.613	1646970	20.0
Benzophenone	15.648	5.8	ng	854928	3	14.254	2949510	20.0
n-Hexadecanoic ...	18.013	5.8	ng	1060940	4	17.072	3633960	20.0
Hexadecanoic ac...	19.489	2.0	ng	465129	5	21.489	4532630	20.0
9-Octadecenamid...	20.525	4.6	ng	1044170	5	21.489	4532630	20.0
Cyclohexadecane	21.160	2.9	ng	656898	5	21.489	4532630	20.0