LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
Data File : BP024370.D
Acq On : 21 Apr 2025 20:20
Operator : RC/JU
Sample : Q1842-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-09

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: BP024370.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	300	306	314	rBV	504455	703056	7.91%	1.316%
2	5.340	377	383	400	rBV	2316574	3212679	36.14%	6.016%
3	5.940	479	485	495	rBV	81484	118655	1.33%	0.222%
4	6.905	641	649	668	rBV	2263424	3721223	41.86%	6.968%
5	7.722	781	788	796	rBV	704194	1109569	12.48%	2.078%
6	8.869	970	983	995	rBV	1253611	2112469	23.76%	3.956%
7	10.499	1251	1260	1271	rBV	951441	1518746	17.08%	2.844%
8	12.963	1670	1679	1693	rBV	3338410	5172645	58.19%	9.686%
9	14.351	1908	1915	1922	rBV	1317774	1897862	21.35%	3.554%
10	15.728	2142	2149	2163	rBV	881140	1290173	14.51%	2.416%
11	15.857	2164	2171	2183	rBV	2610197	4418016	49.70%	8.273%
12	16.304	2236	2247	2255	rBV	148445	229858	2.59%	0.430%
13	17.139	2383	2389	2394	rBV	1698441	2370722	26.67%	4.439%
14	17.181	2394	2396	2404	rVV	397639	558083	6.28%	1.045%
15	17.281	2405	2413	2418	rVB	55277	111103	1.25%	0.208%
16	17.563	2453	2461	2470	rBV	43457	95238	1.07%	0.178%
17	18.086	2545	2550	2558	rVV2	695094	1094443	12.31%	2.049%
18	18.251	2572	2578	2582	rBV2	99791	155402	1.75%	0.291%
19	18.610	2635	2639	2643	rVB	77354	101440	1.14%	0.190%
20	19.269	2745	2751	2757	rBV	1044628	1467851	16.51%	2.749%
21	19.410	2771	2775	2782	rBV	254456	355598	4.00%	0.666%
22	19.651	2806	2816	2825	rBV	881156	1464837	16.48%	2.743%
23	19.863	2845	2852	2863	rBV	7016945	8889831	100.00%	16.646%
24	20.169	2900	2904	2908	rVB	123175	170059	1.91%	0.318%
25	20.275	2918	2922	2925	rBV	112573	149513	1.68%	0.280%
26	21.257	3084	3089	3095	rBV3	223665	503445	5.66%	0.943%
27	21.586	3136	3145	3150	rBV3	2180827	4210412	47.36%	7.884%
28	21.633	3150	3153	3164	rVB	410218	686318	7.72%	1.285%
29	23.869	3527	3533	3541	rBV2	316596	865237	9.73%	1.620%
30	24.610	3654	3659	3668	rVB	184489	429169	4.83%	0.804%
31	24.774	3681	3687	3695	rVB	228450	521367	5.86%	0.976%
32	24.939	3705	3715	3724	rBV	1424339	3699785	41.62%	6.928%

Sum of corrected areas: 53404804

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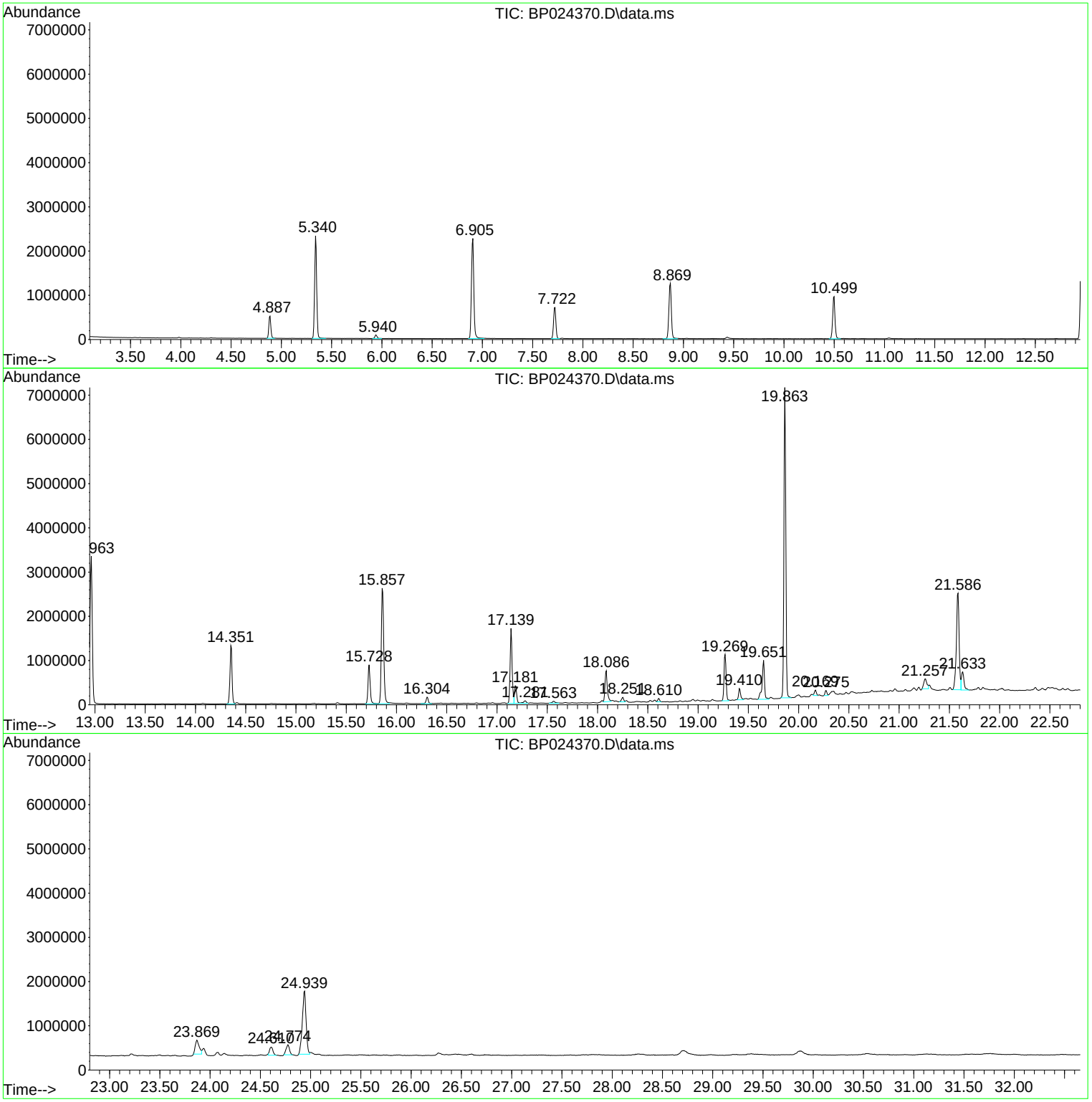
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-09

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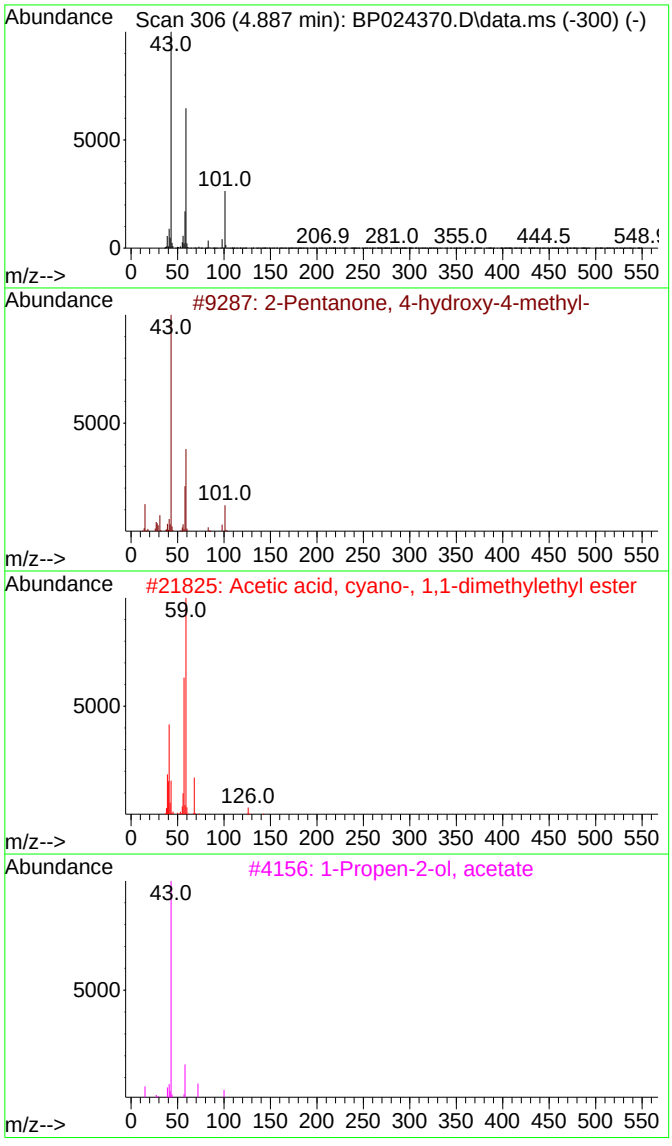
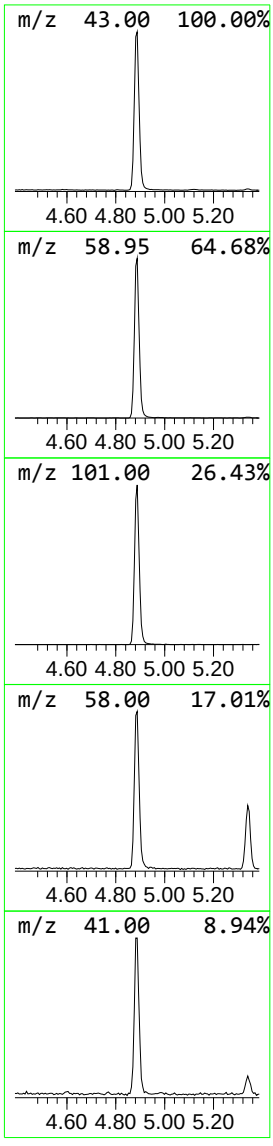
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	12.67 ng	703056	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	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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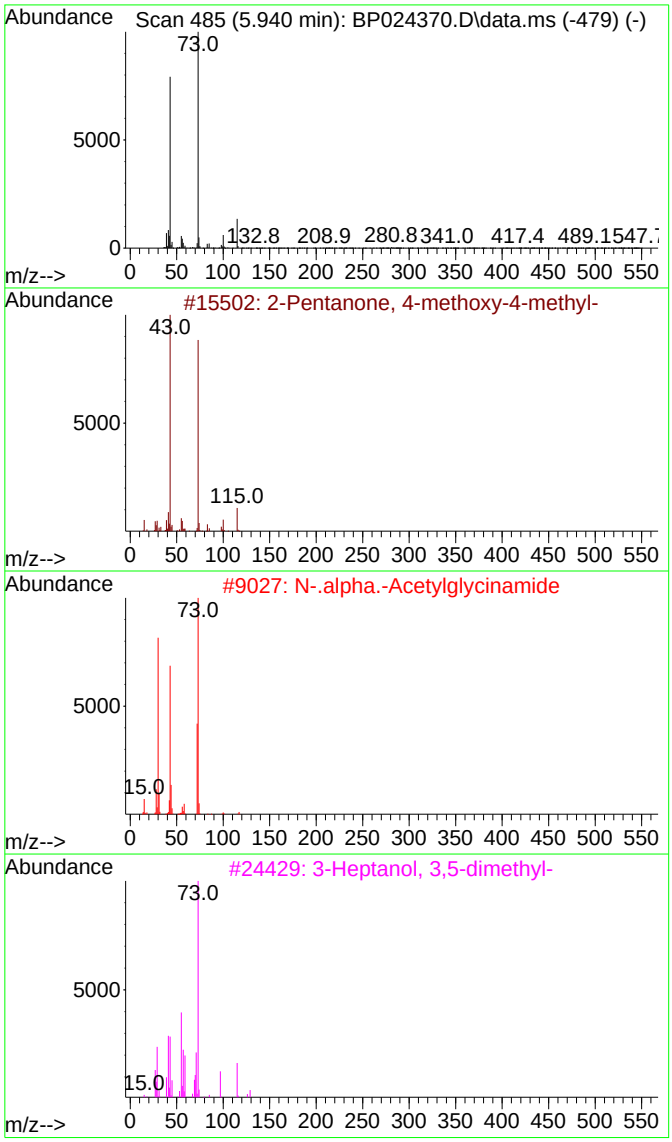
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

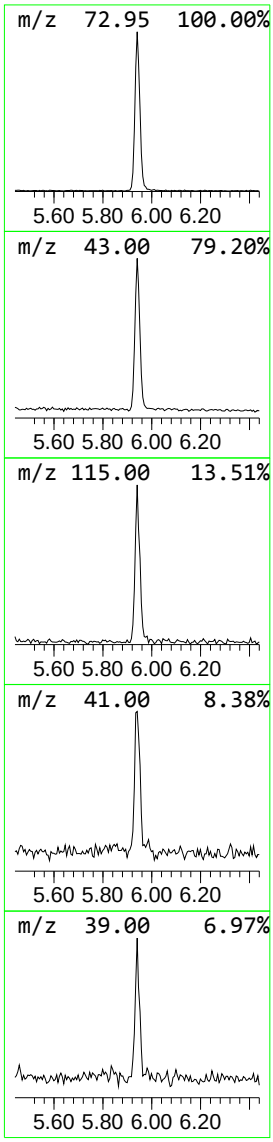
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	2.14 ng	118655	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	28
3	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	25
4	3-Hexanol, acetate	144	C8H16O2	040780-64-1	17
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10





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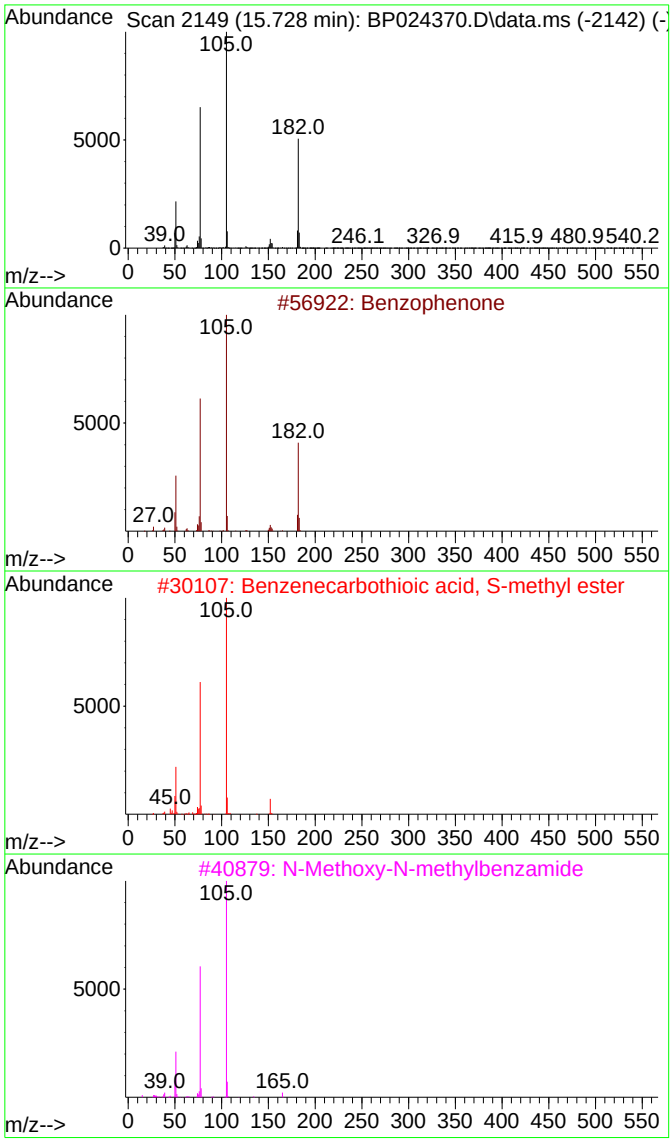
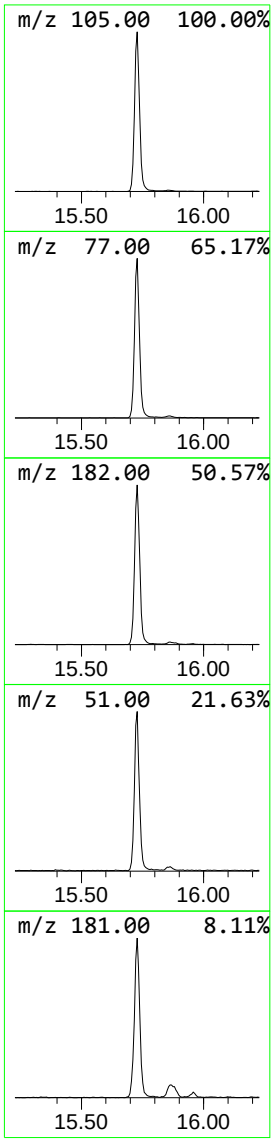
****

Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	13.60 ng	1290170	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
4	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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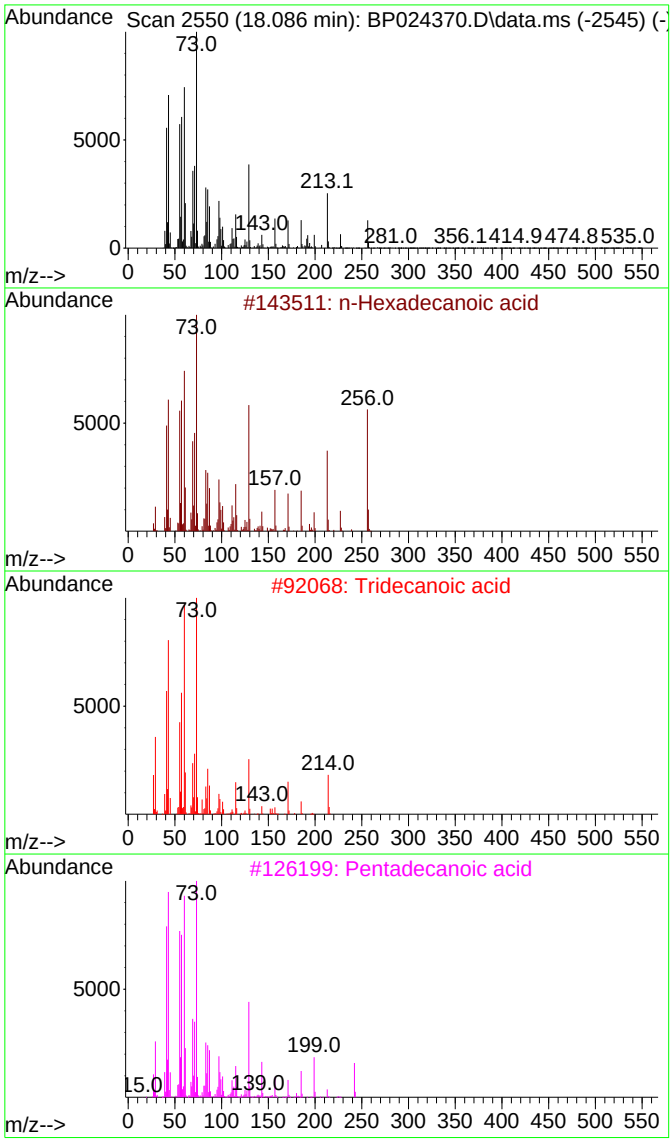
TIC Integration Parameters: LSCINT.P

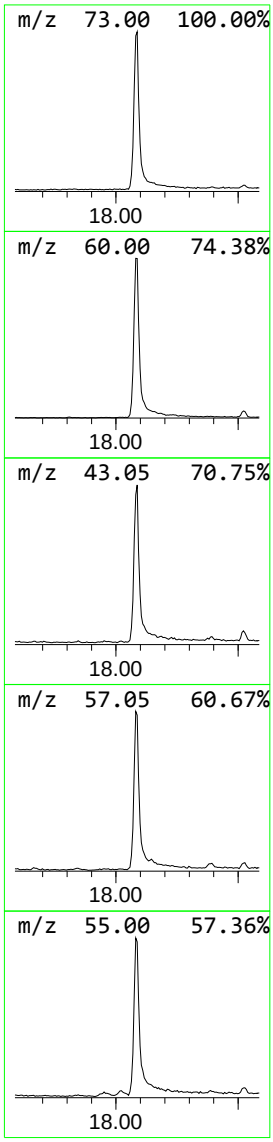
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.087	9.23 ng	1094440	Phenanthrene-d10	17.140

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-09

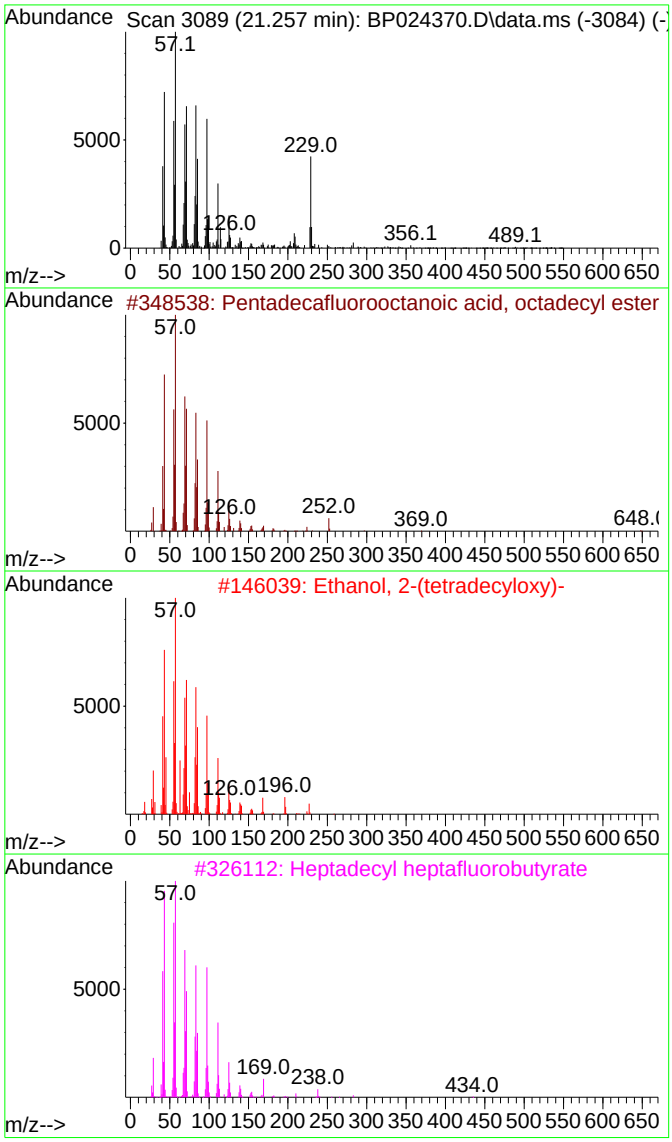
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

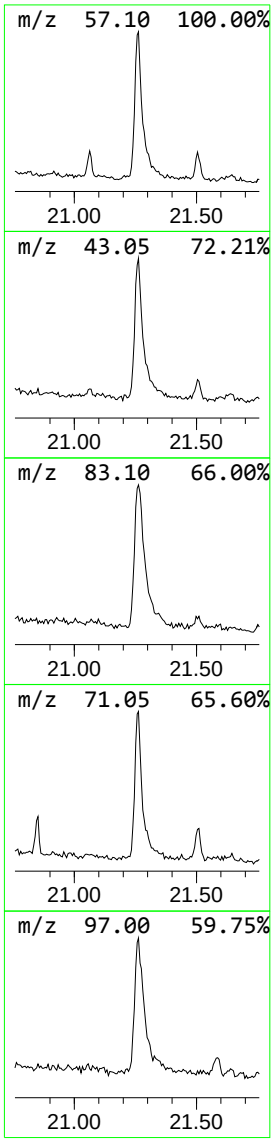
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.257	2.39 ng	503445	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	89
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	58
5	1-Dotriacontanol, acetate	509	C34H68O2	023811-94-1	58





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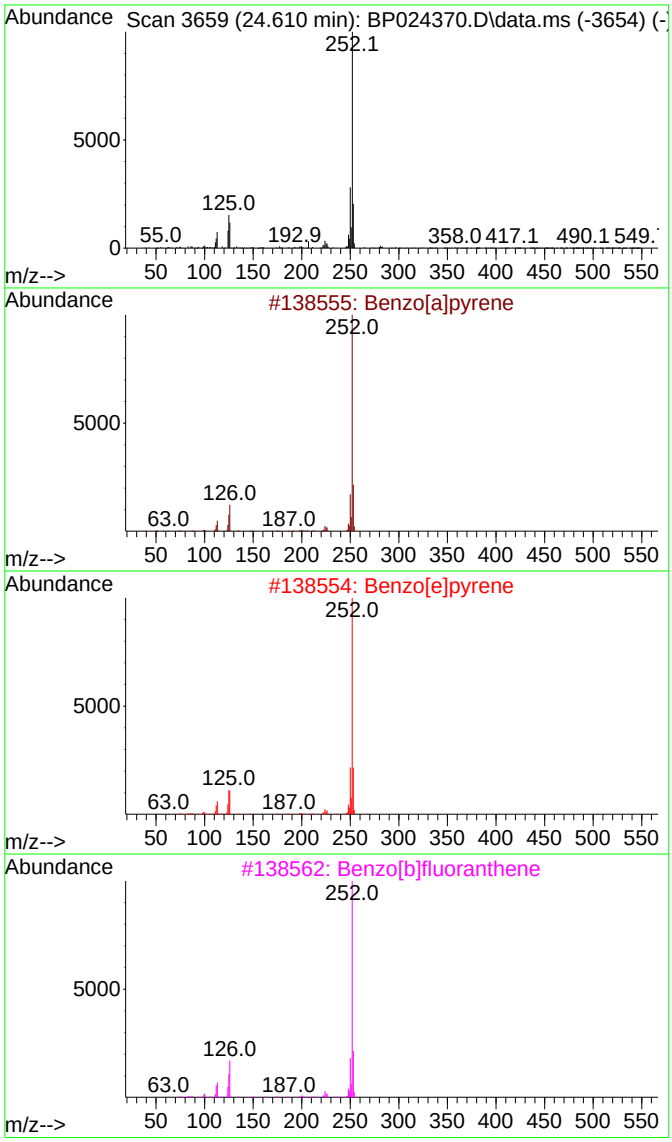
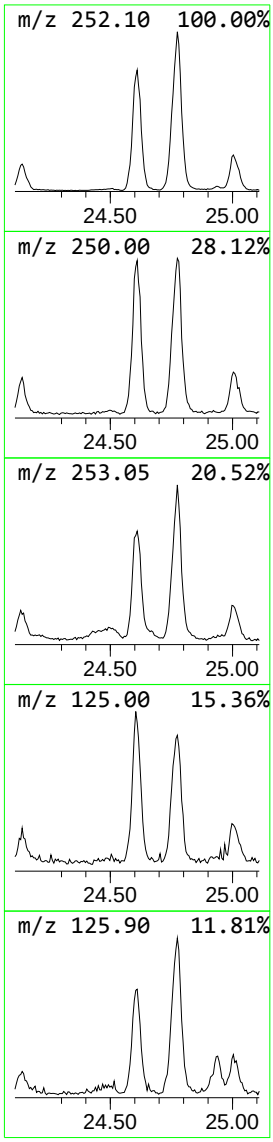
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.610	2.32 ng	429169	Perylene-d12	24.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	90





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-...	4.887	12.7	ng	703056	1	7.722	1109570	20.0
2-Pentanone, 4-...	5.940	2.1	ng	118655	1	7.722	1109570	20.0
Benzophenone	15.728	13.6	ng	1290170	3	14.351	1897860	20.0
n-Hexadecanoic ...	18.087	9.2	ng	1094440	4	17.140	2370720	20.0
Pentadecafluoro...	21.257	2.4	ng	503445	5	21.586	4210410	20.0
Benzo[e]pyrene	24.610	2.3	ng	429169	6	24.939	3699790	20.0