LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.952	160	164	169	rVB3	11978	18108	1.14%	0.155%
2	4.881	316	322	327	rBV	22003	34370	2.17%	0.293%
3	5.264	383	387	393	rVB2	19576	29801	1.88%	0.254%
4	5.352	396	402	406	rVV	151571	248549	15.71%	2.121%
5	5.393	406	409	424	rVB	53792	110243	6.97%	0.941%
6	5.764	466	472	478	rVB	24929	39497	2.50%	0.337%
7	6.734	629	637	643	rVB5	8809	19880	1.26%	0.170%
8	6.834	650	654	659	rVB	19287	27734	1.75%	0.237%
9	6.899	659	665	669	rBV6	18289	33585	2.12%	0.287%
10	6.952	669	674	682	rVV2	125966	276830	17.49%	2.362%
11	7.022	682	686	698	rVB2	23052	57799	3.65%	0.493%
12	7.393	740	749	756	rBV2	54927	118739	7.50%	1.013%
13	7.746	799	809	818	rBV	278373	463871	29.31%	3.958%
14	7.863	824	829	837	rVB2	19416	33853	2.14%	0.289%
15	8.116	866	872	877	rBV2	12300	22928	1.45%	0.196%
16	8.287	896	901	907	rVV4	19913	40748	2.57%	0.348%
17	8.387	913	918	925	rBV3	16073	37400	2.36%	0.319%
18	8.852	992	997	1002	rVB3	20036	31010	1.96%	0.265%
19	8.916	1002	1008	1014	rVV	88376	169897	10.74%	1.450%
20	8.975	1014	1018	1028	rVB	50830	83172	5.26%	0.710%
21	9.099	1035	1039	1046	rVB7	11093	23000	1.45%	0.196%
22	9.222	1055	1060	1067	rVB10	6590	19124	1.21%	0.163%
23	9.446	1093	1098	1107	rVB8	10321	24591	1.55%	0.210%
24	10.546	1274	1285	1291	rBV	323328	583801	36.89%	4.981%
25	10.599	1291	1294	1300	rVB3	21585	40249	2.54%	0.343%
26	11.975	1521	1528	1534	rBV7	8463	18534	1.17%	0.158%
27	12.375	1590	1596	1604	rBV3	27625	79006	4.99%	0.674%
28	13.016	1699	1705	1713	rBV	236216	361591	22.85%	3.085%
29	13.863	1843	1849	1857	rBV5	10493	25325	1.60%	0.216%
30	14.128	1888	1894	1902	rVB	36823	60146	3.80%	0.513%
31	14.228	1907	1911	1917	rBV4	16289	27797	1.76%	0.237%
32	14.310	1918	1925	1929	rBV5	12300	22264	1.41%	0.190%
33	14.357	1929	1933	1935	rBV3	26216	33626	2.12%	0.287%
34	14.398	1935	1940	1949	rVB	480804	720886	45.55%	6.151%
35	15.669	2151	2156	2163	rBV5	9204	20417	1.29%	0.174%
36	15.910	2189	2197	2204	rBV	182956	295677	18.68%	2.523%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.134	2230	2235	2236	rBV3	15545	21070	1.33%	0.180%
38	16.934	2367	2371	2376	rBV6	19879	30455	1.92%	0.260%
39	16.987	2376	2380	2386	rVB4	13543	20995	1.33%	0.179%
40	17.163	2404	2410	2415	rBV	600547	884504	55.89%	7.547%
41	17.210	2415	2418	2423	rVB	96296	128157	8.10%	1.093%
42	17.304	2429	2434	2440	rVB	61190	89276	5.64%	0.762%
43	18.039	2557	2559	2561	rBV2	17800	19394	1.23%	0.165%
44	18.069	2561	2564	2573	rVB2	134856	210440	13.30%	1.796%
45	18.169	2578	2581	2585	rVB	25224	32625	2.06%	0.278%
46	18.228	2587	2591	2595	rBV2	48956	84166	5.32%	0.718%
47	18.351	2608	2612	2617	rBV6	20397	35926	2.27%	0.307%
48	18.434	2622	2626	2632	rBV7	26516	50578	3.20%	0.432%
49	18.757	2677	2681	2686	rVB2	110329	140825	8.90%	1.202%
50	18.933	2707	2711	2714	rBV2	45581	72538	4.58%	0.619%
51	19.192	2750	2755	2760	rBV	425253	595088	37.60%	5.077%
52	19.239	2760	2763	2768	rVB2	77897	99236	6.27%	0.847%
53	19.310	2772	2775	2778	rBV	75510	87189	5.51%	0.744%
54	19.545	2807	2815	2818	rBV	410975	649776	41.06%	5.544%
55	19.739	2843	2848	2852	rVB	486242	584938	36.96%	4.991%
56	20.369	2952	2955	2958	rBV2	60887	86819	5.49%	0.741%
57	21.275	3103	3109	3113	rBV2	976367	1582570	100.00%	13.503%
58	21.310	3113	3115	3125	rVB	302307	390583	24.68%	3.333%
59	22.933	3386	3391	3396	rBV	281546	613394	38.76%	5.234%
60	23.651	3508	3513	3519	rVB2	526054	955535	60.38%	8.153%

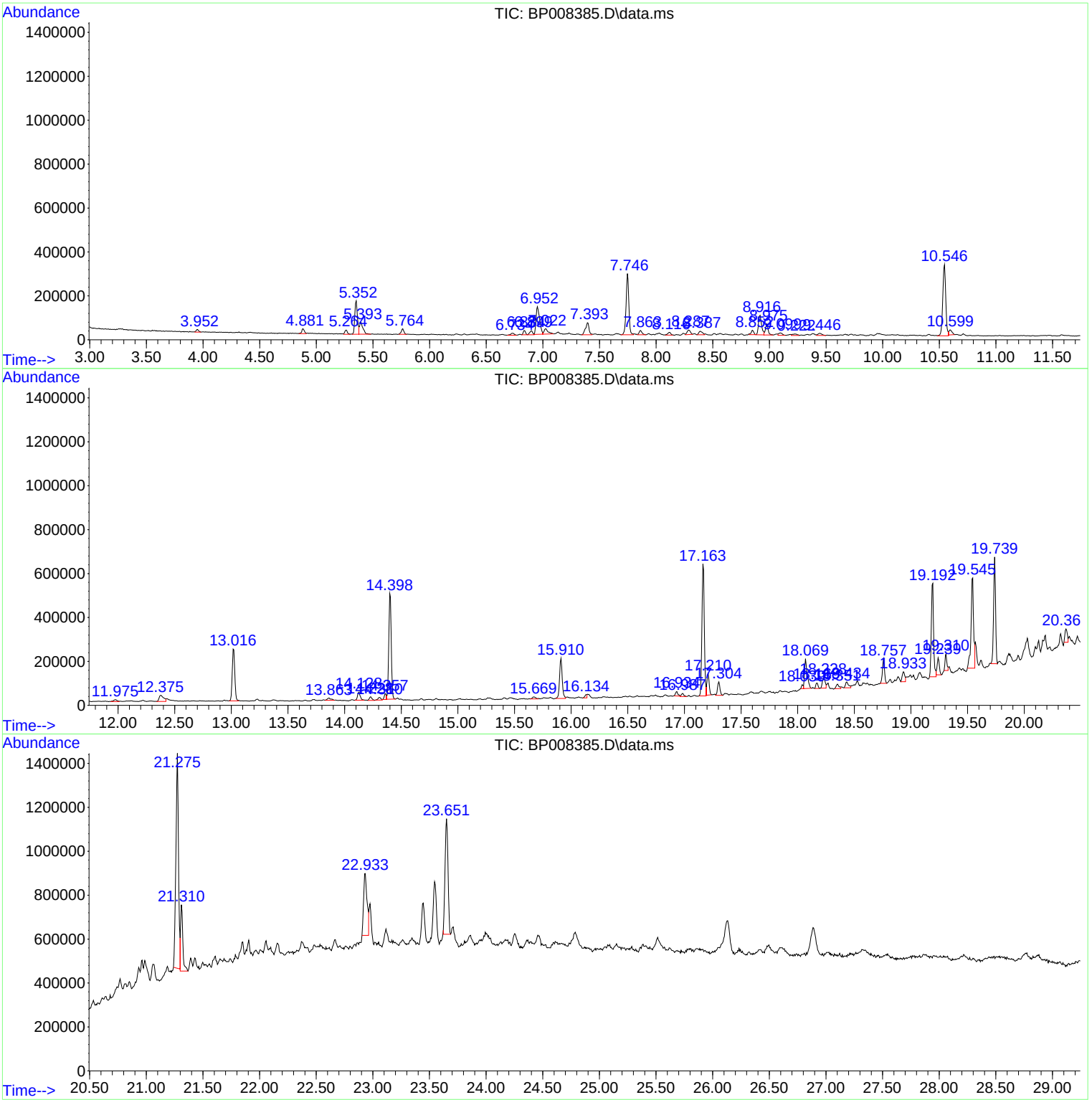
Sum of corrected areas: 11720125

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

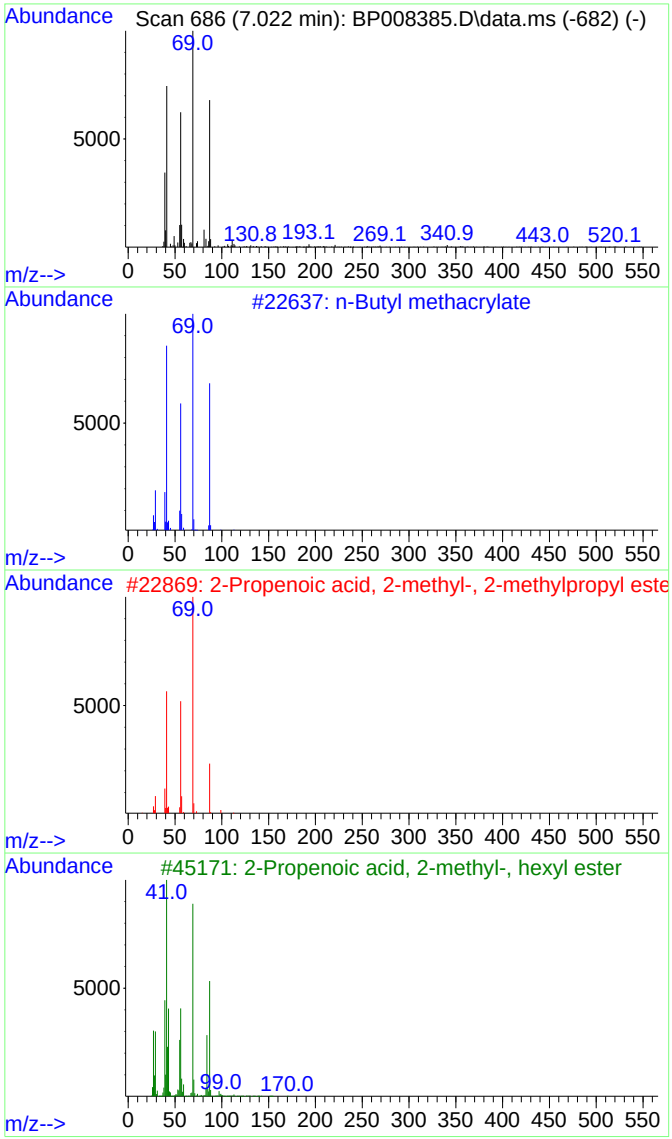
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

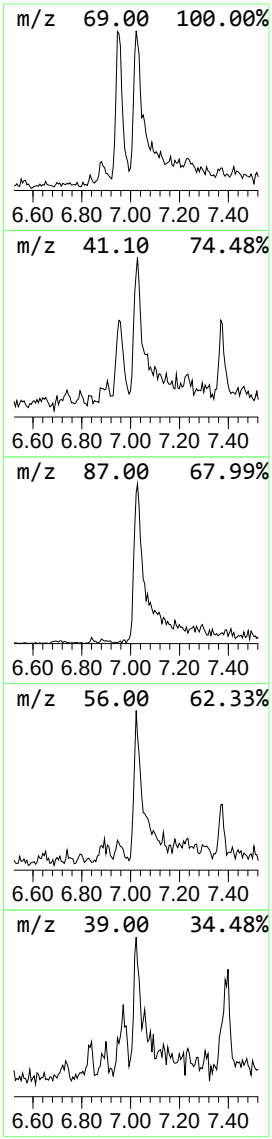
****

Peak Number 1 n-Butyl methacrylate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.022	2.49 ng	57799	1,4-Dichlorobenzene-d4	7.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl methacrylate	142	C8H14O2	000097-88-1	72
2	2-Propenoic acid, 2-methyl-, 2-m...	142	C8H14O2	000097-86-9	72
3	2-Propenoic acid, 2-methyl-, hex...	170	C10H18O2	000142-09-6	72
4	2-Butenoic acid, butyl ester	142	C8H14O2	007299-91-4	53
5	3-Heptanol, 2,2-dimethyl-	144	C9H20O	019549-70-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

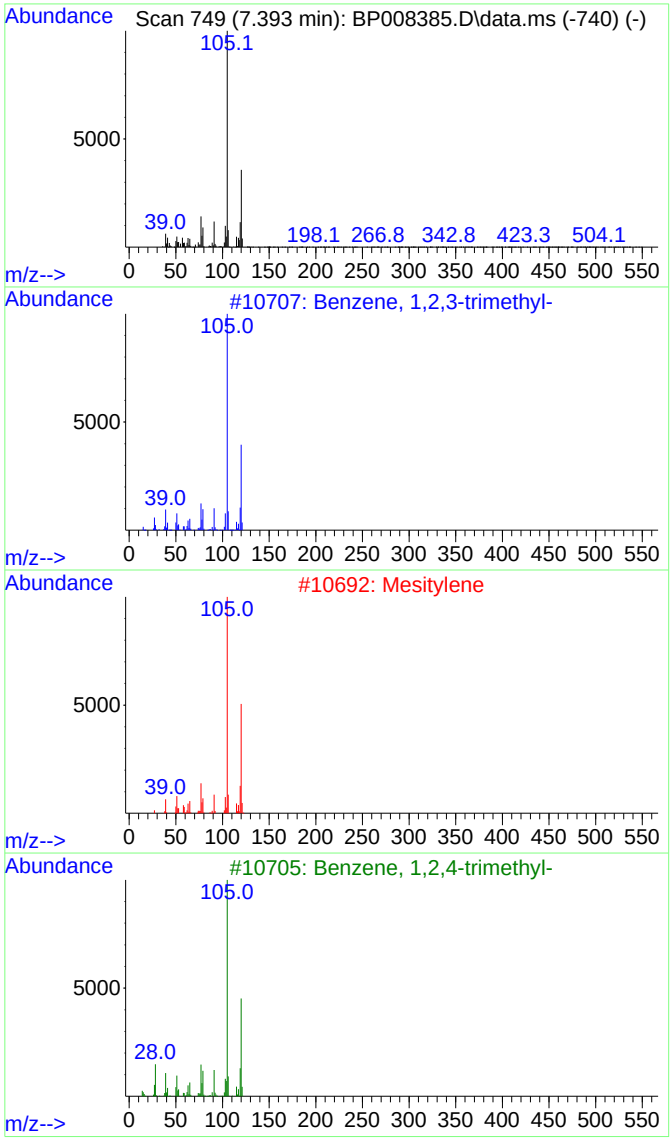
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

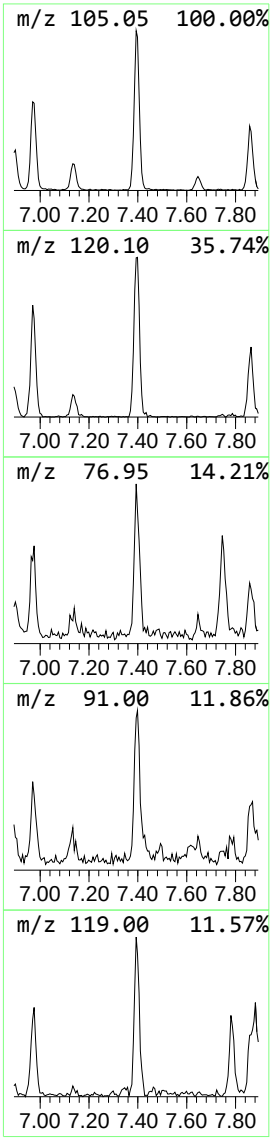
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.393	5.12 ng	118739	1,4-Dichlorobenzene-d4	7.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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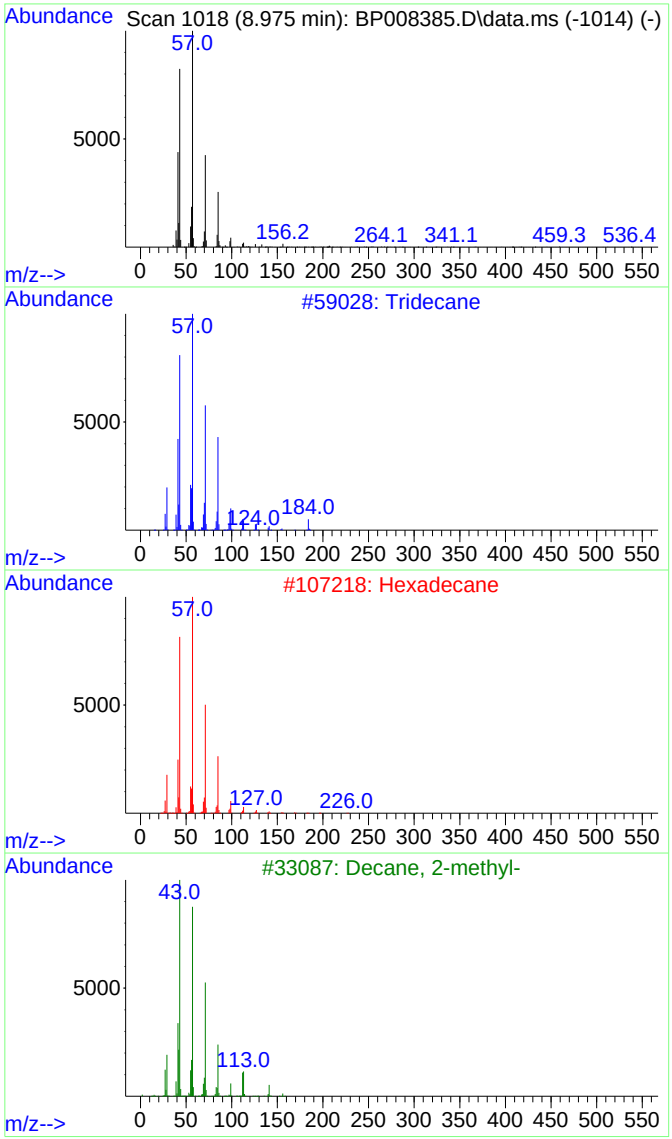
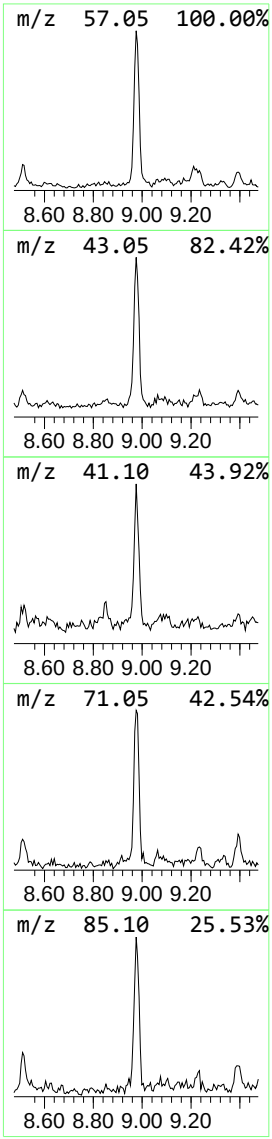
Peak Number 3 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.975	3.59 ng	83172	1,4-Dichlorobenzene-d4	7.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2-methyl-	156	C11H24	006975-98-0	80
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	72
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

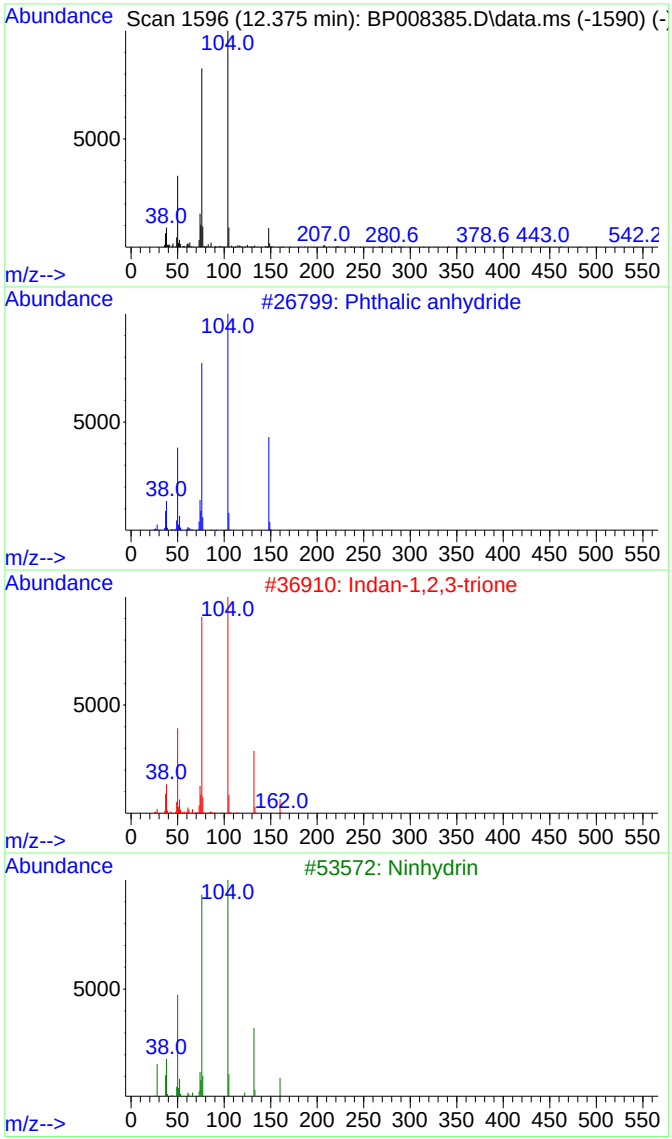
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

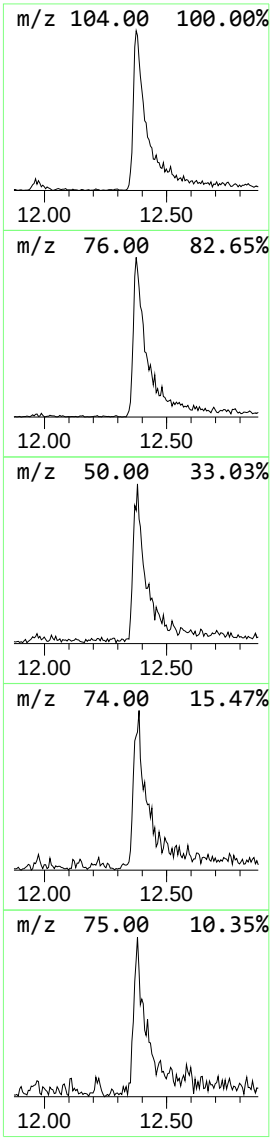
****

Peak Number 4 Phthalic anhydride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	2.71 ng	79006	Naphthalene-d8	10.546

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	91
2	Indan-1,2,3-trione	160	C9H4O3	000938-24-9	90
3	Ninhydrin	178	C9H6O4	000485-47-2	83
4	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83
5	2-Sulfobenzoic acid cyclic anhyd...	184	C7H4O4S	000081-08-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

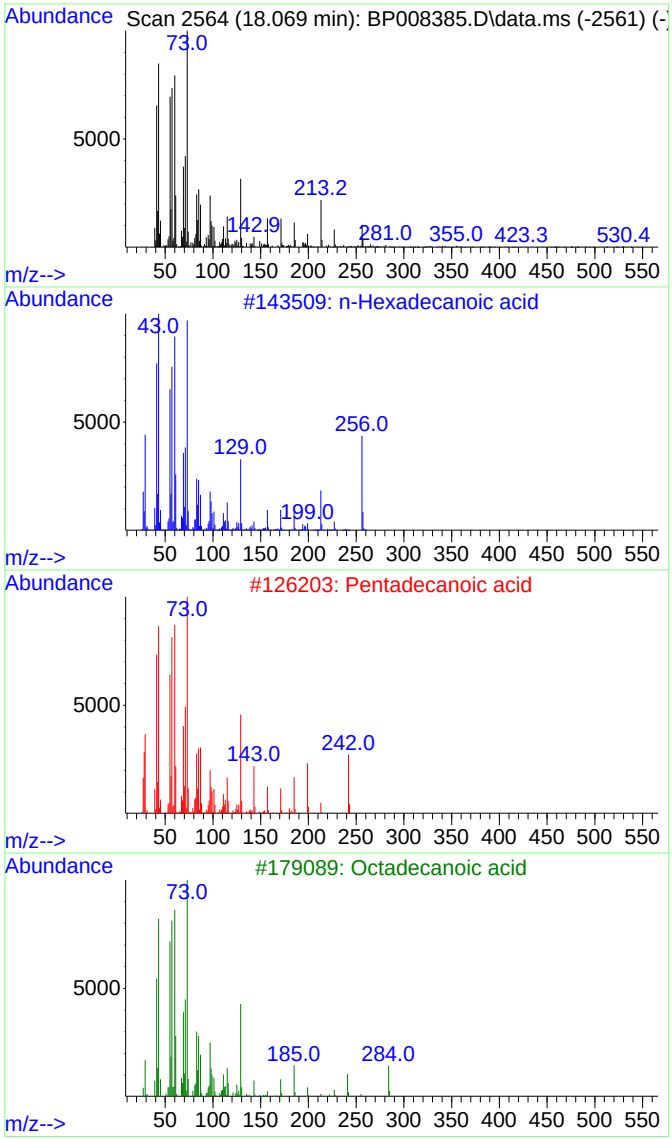
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

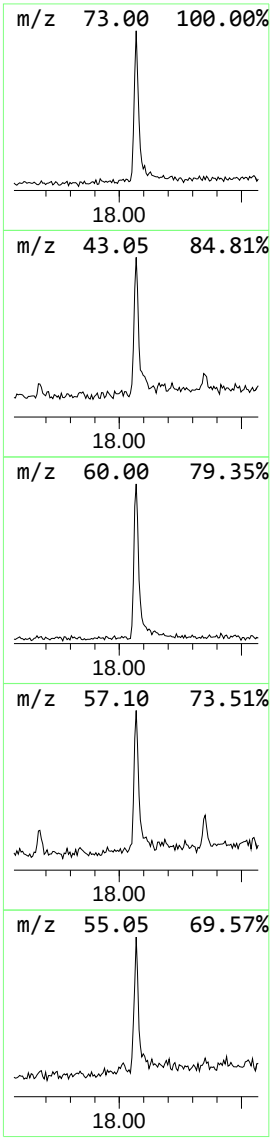
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	4.76 ng	210440	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

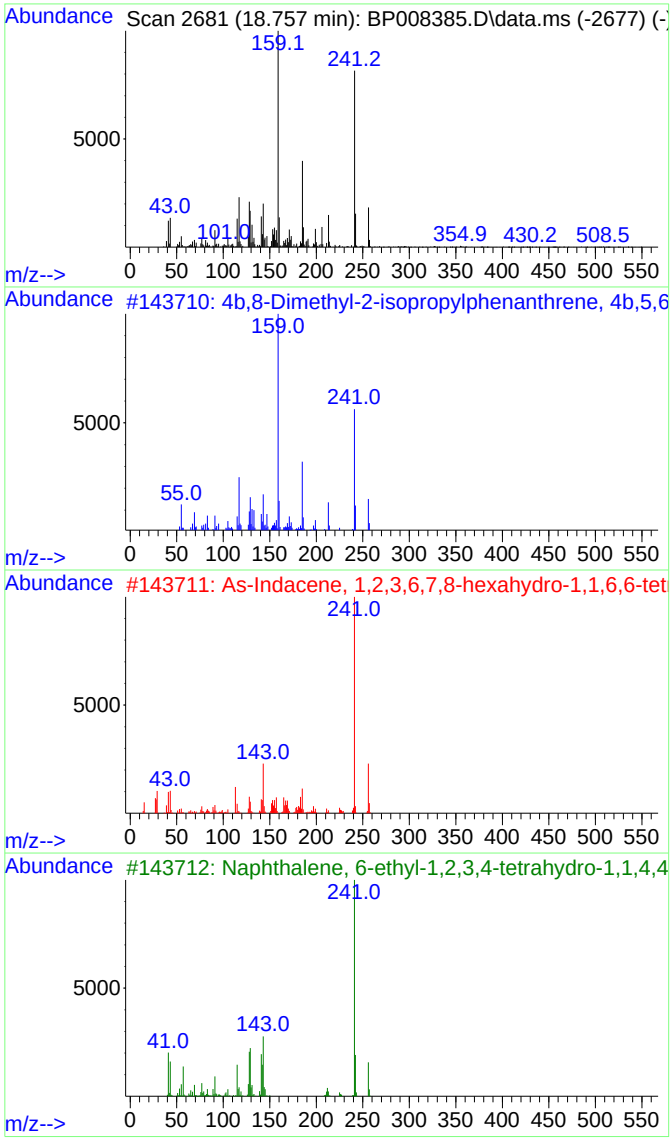
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

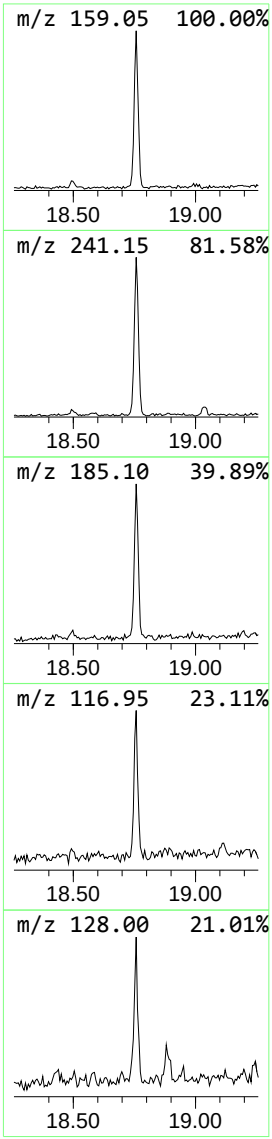
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4b,8-Dimethyl-2-isopropylph... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.757	3.18 ng	140825	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	94
2	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	38
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	30
5	2-Phenylpropionic acid, 4'-(2-me...	218	C14H18O2	1010454-94-3	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
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
n-Butyl methacr...	7.022	2.5	ng	57799	1	7.746	463871	20.0
Benzene, 1,2,3-...	7.393	5.1	ng	118739	1	7.746	463871	20.0
Tridecane	8.975	3.6	ng	83172	1	7.746	463871	20.0
Phthalic anhydride	12.375	2.7	ng	79006	2	10.546	583801	20.0
n-Hexadecanoic ...	18.069	4.8	ng	210440	4	17.163	884504	20.0
4b,8-Dimethyl-2...	18.757	3.2	ng	140825	4	17.163	884504	20.0