LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-02-(5-7)

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007109.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.011	324	327	336	rVB	112463	171015	1.48%	0.170%
2	5.334	378	382	391	rVB3	71126	143587	1.25%	0.143%
3	5.469	398	405	418	rBV	3860793	5647947	49.02%	5.613%
4	5.769	449	456	460	rBV4	71265	139185	1.21%	0.138%
5	5.852	465	470	474	rVV	178458	283820	2.46%	0.282%
6	5.917	477	481	488	rVB	105926	166961	1.45%	0.166%
7	6.075	503	508	516	rVB3	68143	131282	1.14%	0.130%
8	6.169	516	524	532	rBV5	445622	977038	8.48%	0.971%
9	6.293	538	545	551	rVB	377321	731379	6.35%	0.727%
10	6.381	555	560	568	rBV4	434982	723917	6.28%	0.719%
11	6.458	568	573	577	rBV	867008	1280579	11.11%	1.273%
12	6.505	577	581	583	rBV	215949	326873	2.84%	0.325%
13	6.534	583	586	589	rVV3	269545	405670	3.52%	0.403%
14	6.564	589	591	600	rVB	519783	714359	6.20%	0.710%
15	6.652	601	606	612	rVB3	192843	349241	3.03%	0.347%
16	6.716	612	617	623	rBV5	173463	300913	2.61%	0.299%
17	6.781	623	628	629	rBV2	441142	645433	5.60%	0.641%
18	6.858	636	641	643	rBV3	83630	125038	1.09%	0.124%
19	6.893	643	647	653	rVB	381384	552485	4.79%	0.549%
20	6.993	659	664	667	rBV2	304425	445869	3.87%	0.443%
21	7.064	667	676	683	rVV	3554500	6324550	54.89%	6.286%
22	7.222	698	703	709	rVB5	196729	408689	3.55%	0.406%
23	7.281	709	713	717	rBV3	202939	288463	2.50%	0.287%
24	7.322	717	720	722	rBV3	98181	128136	1.11%	0.127%
25	7.352	722	725	726	rVV2	160629	180797	1.57%	0.180%
26	7.381	726	730	735	rVV	510606	864720	7.50%	0.859%
27	7.458	739	743	754	rVB2	406649	882822	7.66%	0.877%
28	7.552	754	759	761	rBV	126762	192982	1.67%	0.192%
29	7.616	766	770	776	rVB2	186959	307095	2.67%	0.305%
30	7.669	776	779	782	rBV	104636	128416	1.11%	0.128%
31	7.728	782	789	795	rVV3	252825	645886	5.61%	0.642%
32	7.816	795	804	809	rVV6	338059	985213	8.55%	0.979%
33	7.893	809	817	823	rVB2	1197509	2875084	24.95%	2.857%
34	7.969	823	830	835	rVB2	362822	715214	6.21%	0.711%
35	8.087	845	850	854	rVV2	424580	572421	4.97%	0.569%
36	8.158	858	862	863	rVV	205556	254986	2.21%	0.253%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
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Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-02-(5-7)

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.181	863	866	874	rVB	416838	680875	5.91%	0.677%
38	8.246	874	877	881	rBV	79929	117091	1.02%	0.116%
39	8.334	888	892	898	rBV4	127876	204752	1.78%	0.203%
40	8.405	898	904	906	rBV3	86712	150765	1.31%	0.150%
41	8.593	931	936	941	rVB3	78797	127786	1.11%	0.127%
42	8.728	955	959	964	rBV	125813	179553	1.56%	0.178%
43	9.005	1002	1006	1009	rBV2	94123	115708	1.00%	0.115%
44	9.058	1009	1015	1021	rVV	2008754	3169324	27.51%	3.150%
45	9.216	1037	1042	1045	rBV2	67295	124187	1.08%	0.123%
46	10.475	1250	1256	1268	rBV	886048	1553474	13.48%	1.544%
47	10.699	1286	1294	1299	rBV	1274063	2214020	19.21%	2.200%
48	10.746	1299	1302	1311	rVB	80499	123179	1.07%	0.122%
49	13.151	1703	1711	1725	rBV	5889342	8316326	72.17%	8.265%
50	14.522	1936	1944	1950	rBV	1976994	2914239	25.29%	2.896%
51	14.587	1950	1955	1963	rVB	213918	312073	2.71%	0.310%
52	14.922	2001	2012	2019	rBV	113688	195004	1.69%	0.194%
53	15.569	2117	2122	2128	rVB	195203	268795	2.33%	0.267%
54	16.010	2191	2197	2205	rBV	4615201	6550365	56.85%	6.510%
55	17.087	2377	2380	2392	rVB	102352	168867	1.47%	0.168%
56	17.269	2405	2411	2415	rBV	2259077	3382067	29.35%	3.361%
57	17.316	2415	2419	2425	rVB	1361308	1924703	16.70%	1.913%
58	17.404	2430	2434	2439	rVB	372752	536520	4.66%	0.533%
59	17.675	2476	2480	2489	rVB	131912	218657	1.90%	0.217%
60	17.945	2523	2526	2530	rVB	146680	167691	1.46%	0.167%
61	18.163	2556	2563	2577	rBV2	927410	1846603	16.03%	1.835%
62	18.328	2587	2591	2595	rBV2	191387	272570	2.37%	0.271%
63	19.281	2748	2753	2760	rBV	1738959	2457199	21.33%	2.442%
64	19.398	2767	2773	2788	rBV	2192053	4002510	34.74%	3.978%
65	19.628	2804	2812	2821	rVB2	1250972	2266230	19.67%	2.252%
66	19.828	2840	2846	2851	rBV	9392960	11522493	100.00%	11.452%
67	20.110	2891	2894	2901	rVB3	257006	477200	4.14%	0.474%
68	20.210	2908	2911	2915	rVB	232170	271335	2.35%	0.270%
69	20.504	2957	2961	2969	rVB2	416623	565427	4.91%	0.562%
70	21.075	3054	3058	3064	rVV3	665657	1195499	10.38%	1.188%
71	21.133	3064	3068	3076	rVB	1095024	1344041	11.66%	1.336%
72	21.357	3099	3106	3110	rBV2	3081471	5267032	45.71%	5.235%
73	21.392	3110	3112	3120	rVB	763846	917011	7.96%	0.911%
74	23.033	3387	3391	3396	rBV	410358	798833	6.93%	0.794%
75	23.769	3510	3516	3523	rVB2	1904081	3678207	31.92%	3.656%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

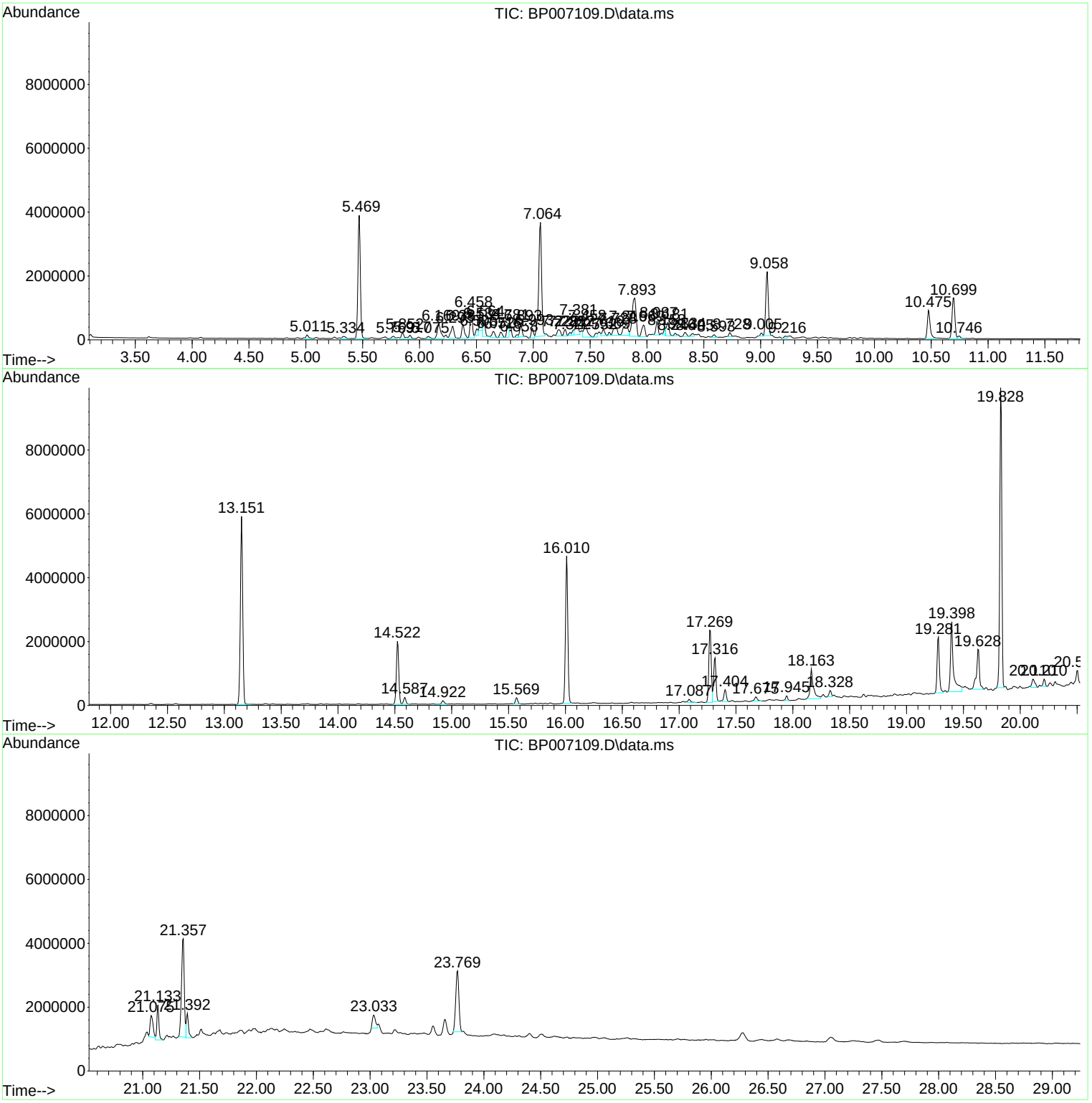
Sum of corrected areas: 100616276

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

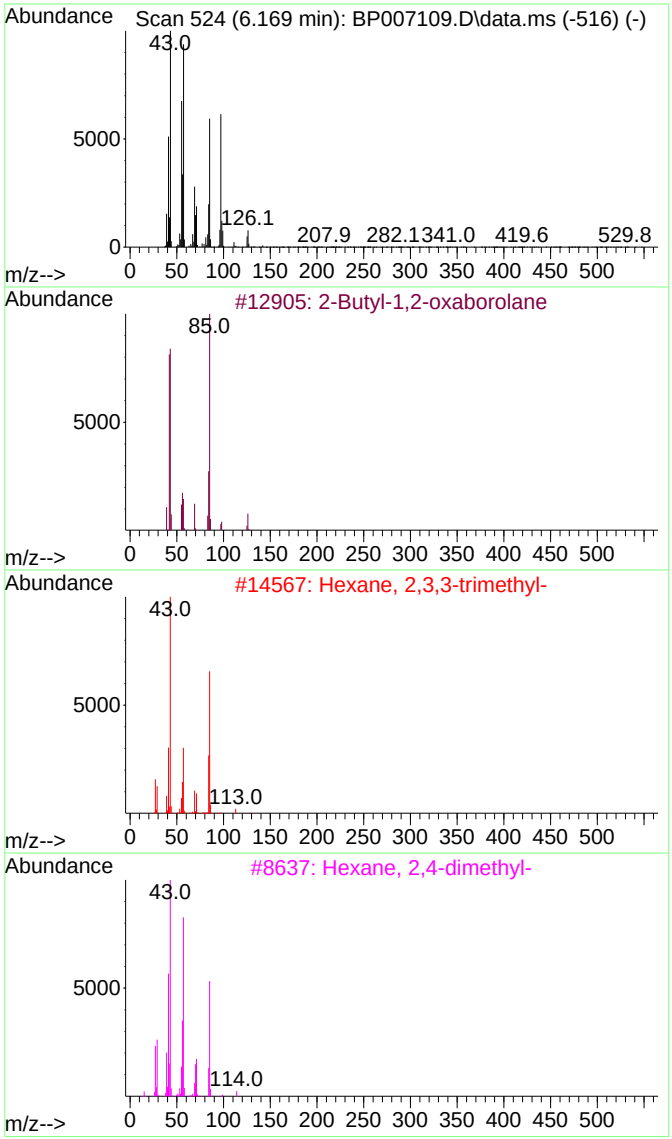
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

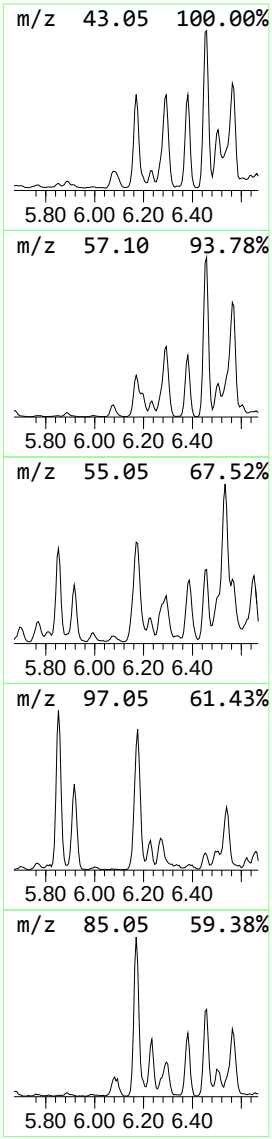
****

Peak Number 1 unknown6.169 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.169	6.80 ng	977038	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl-1,2-oxaborolane	126	C7H15BO	005357-13-1	38
2	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	38
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
4	Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	38
5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

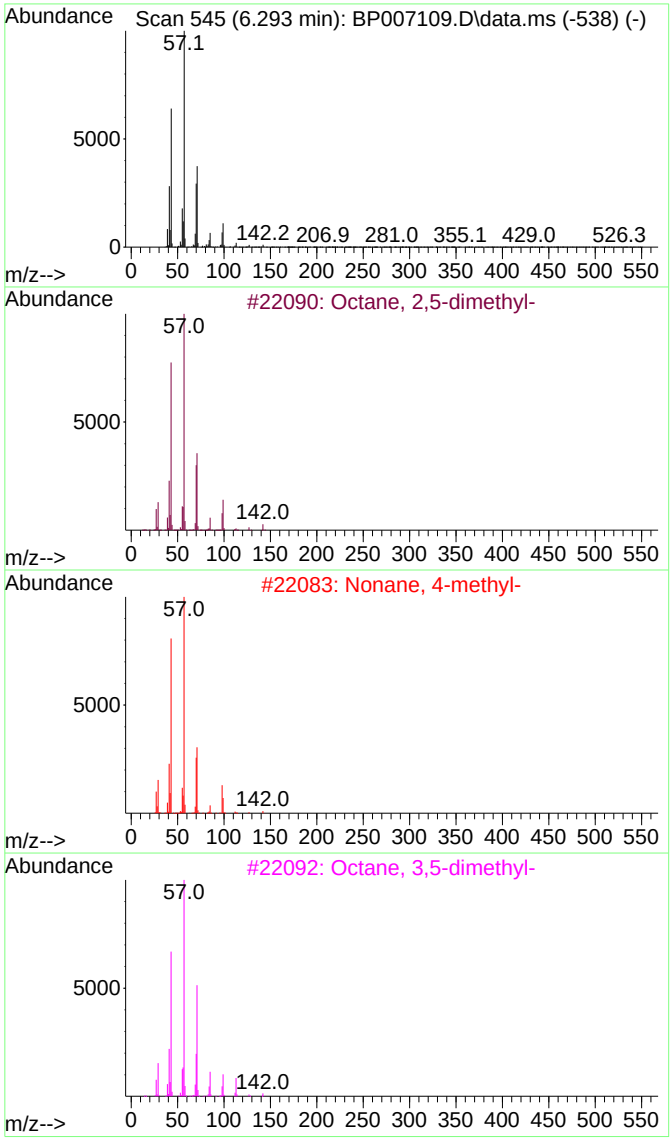
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

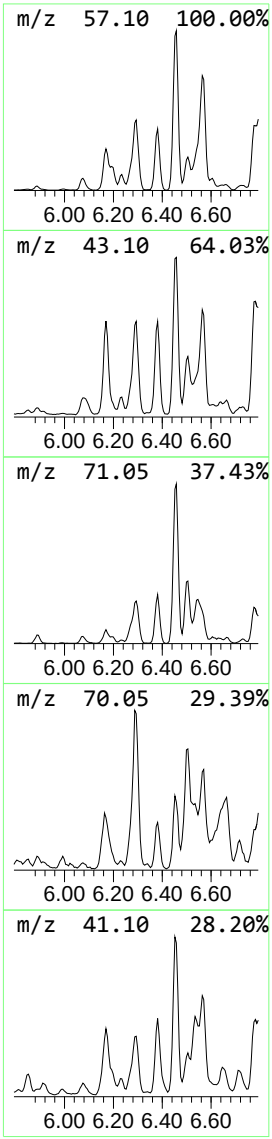
****

Peak Number 2 Octane, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.293	5.09 ng	731379	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	90
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	86
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	74
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
5	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

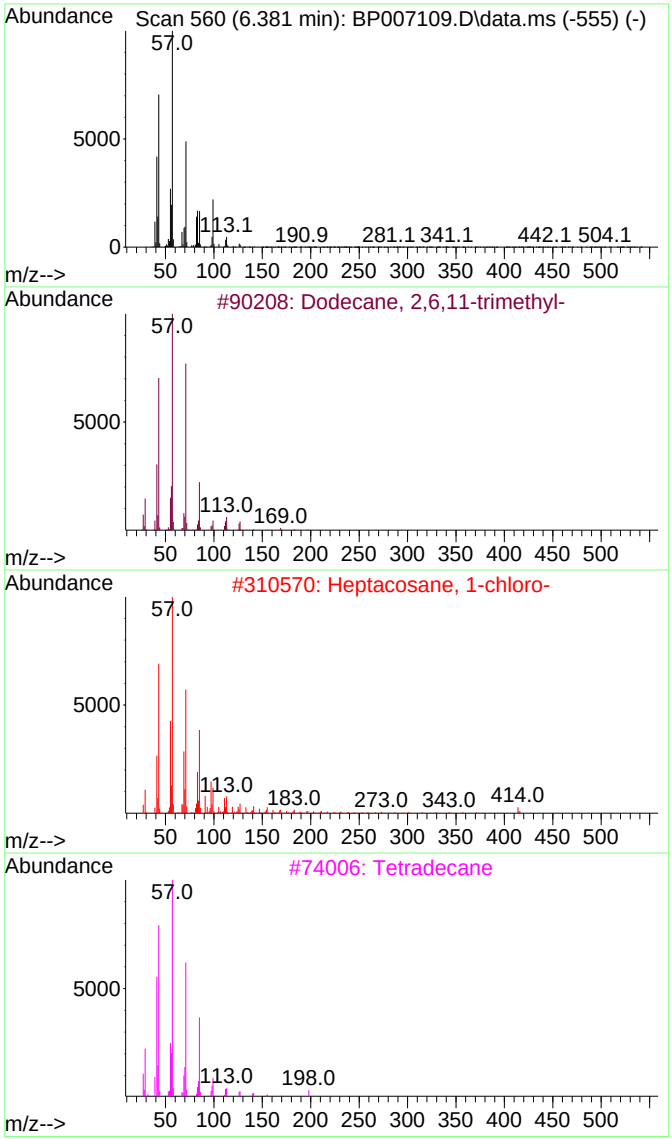
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

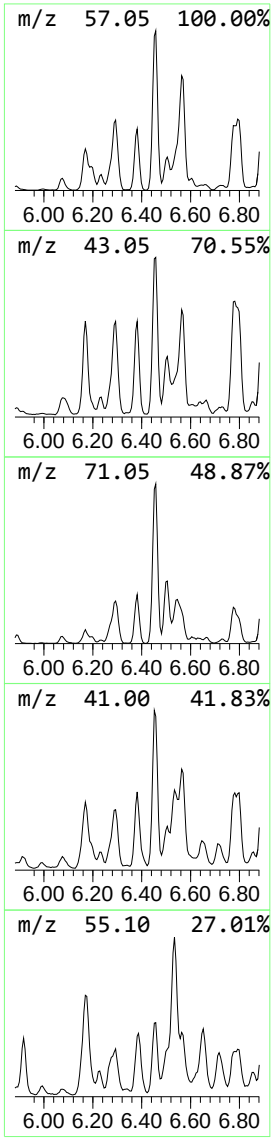
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dodecane, 2,6,11-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.381	5.04 ng	723917	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	53
3	Tetradecane	198	C14H30	000629-59-4	52
4	Pentadecane	212	C15H32	000629-62-9	50
5	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

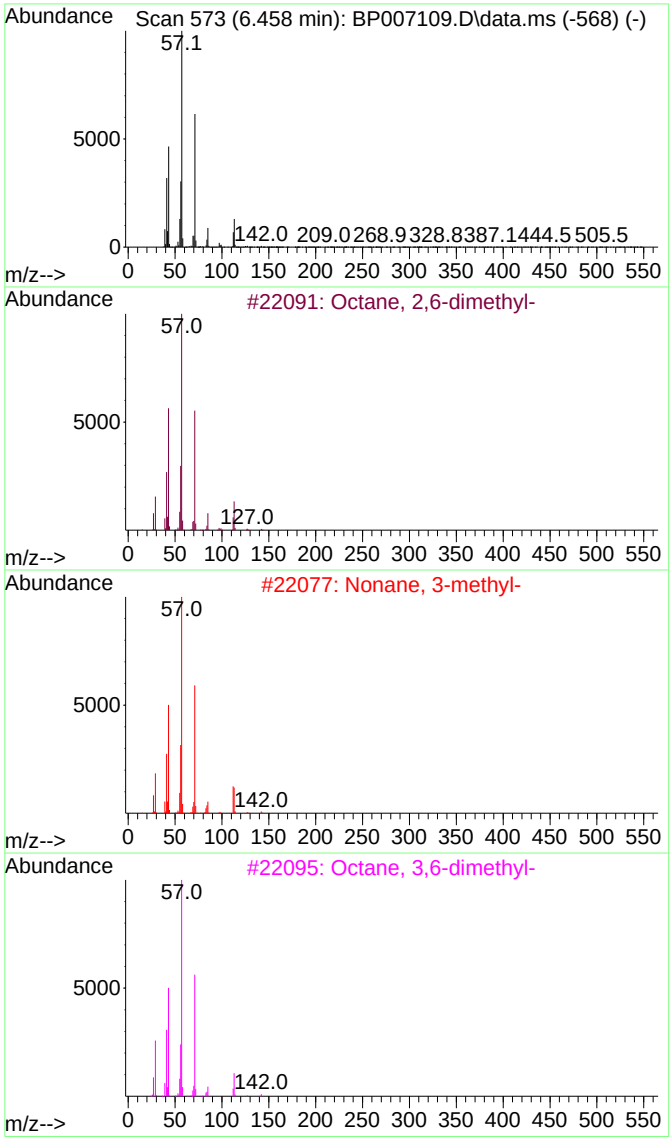
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

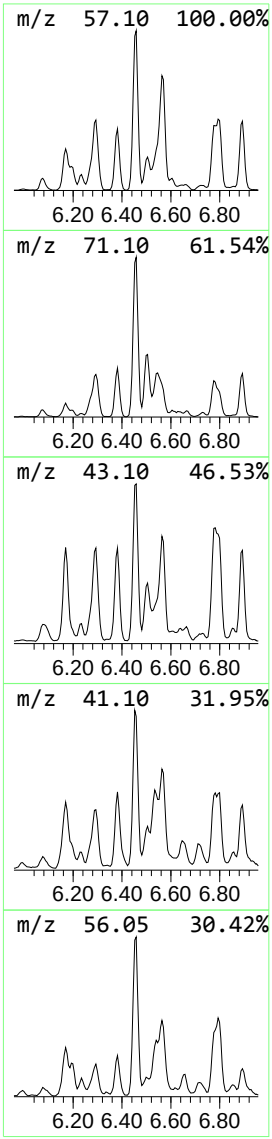
****

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.458	8.91 ng	1280580	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	95
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

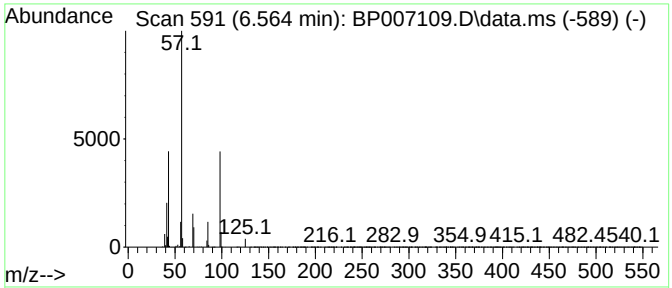
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

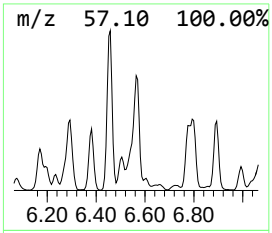
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

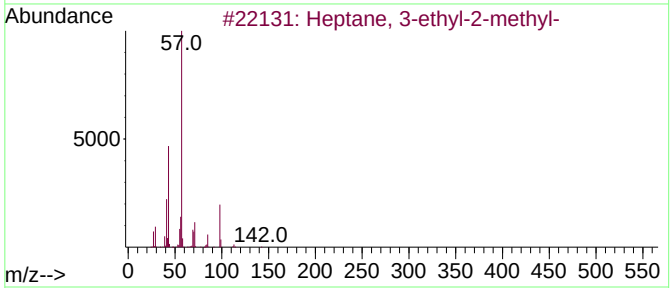
****
Peak Number 5 Heptane, 3-ethyl-2-methyl- Concentration Rank 13

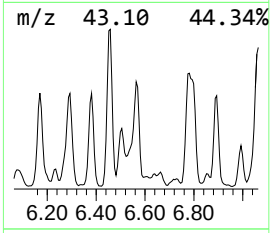
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.564	4.97 ng	714359	1,4-Dichlorobenzene-d4	7.899

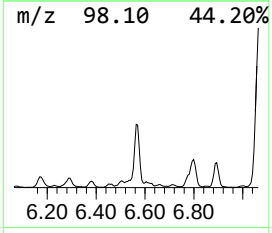
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
2	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	59
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	37
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	37
5	Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	37

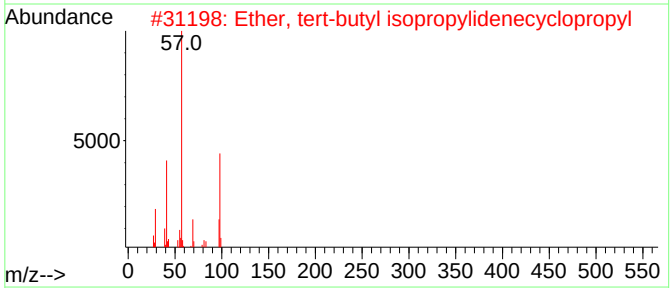


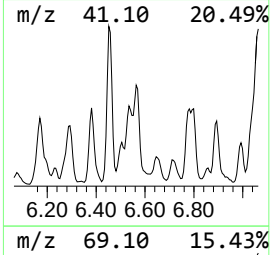


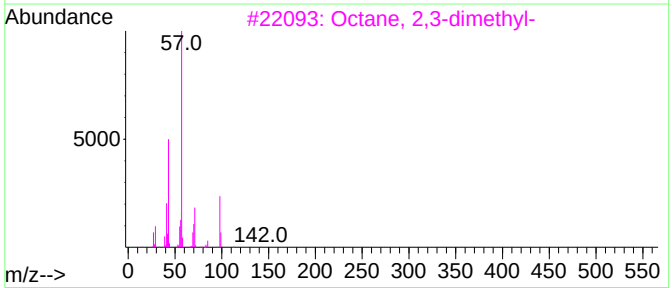


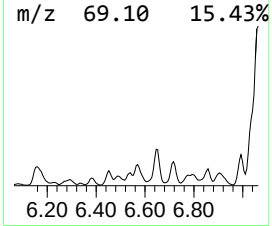












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Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

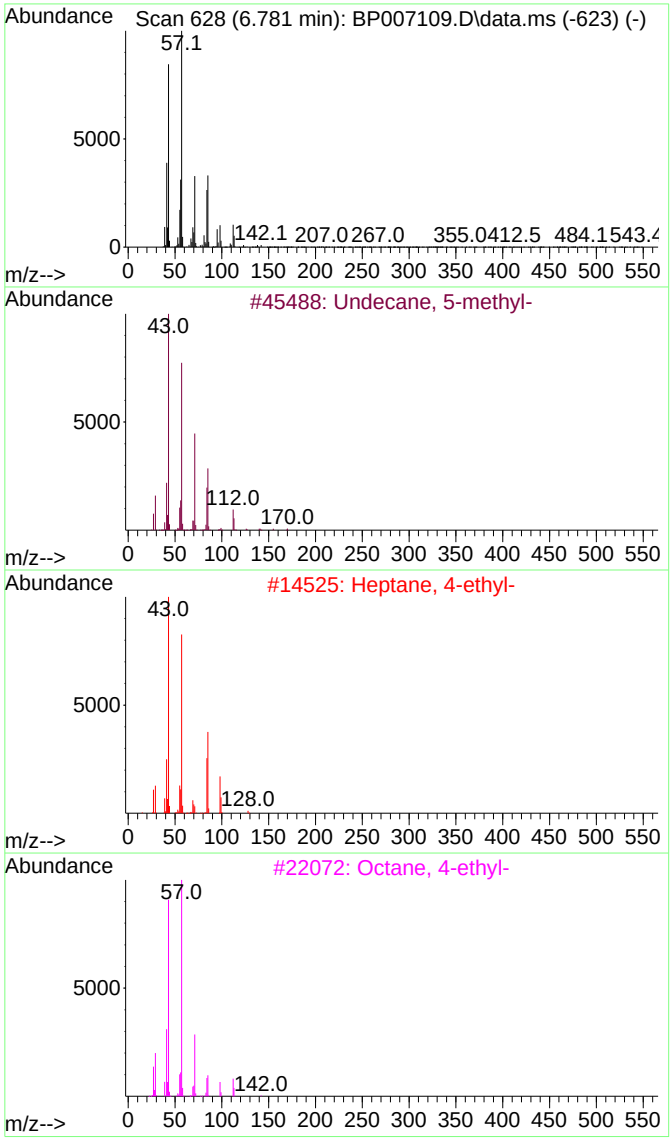
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

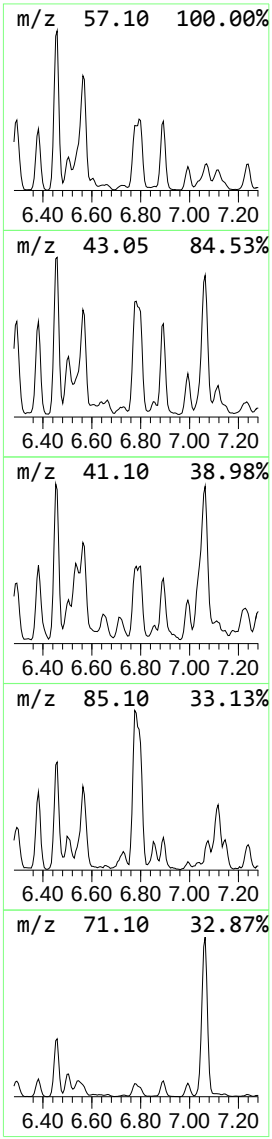
****

Peak Number 6 Undecane, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	4.49 ng	645433	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	52
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	52
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	49
4	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	46
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43





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Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

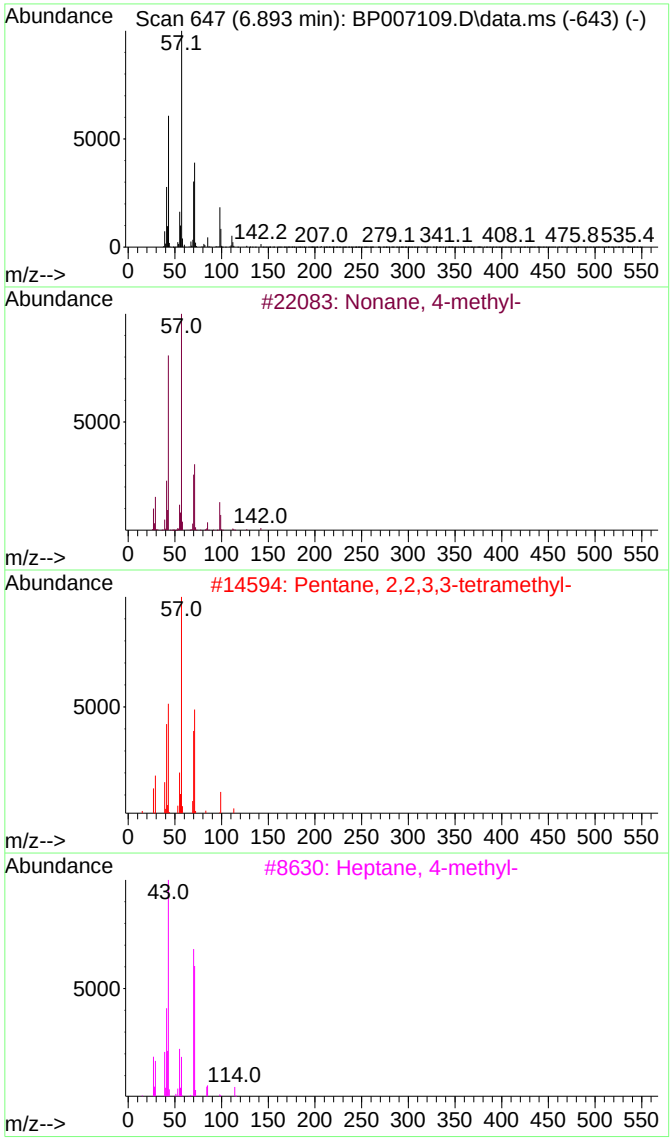
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

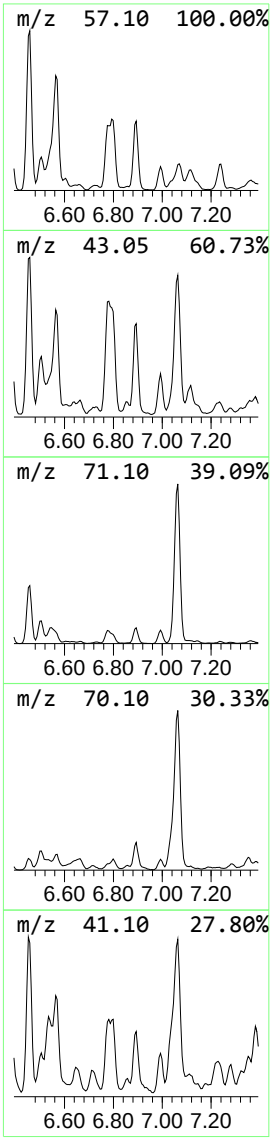
****

Peak Number 7 Nonane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.893	3.84 ng	552485	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	50
4	Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	50
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	50





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Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

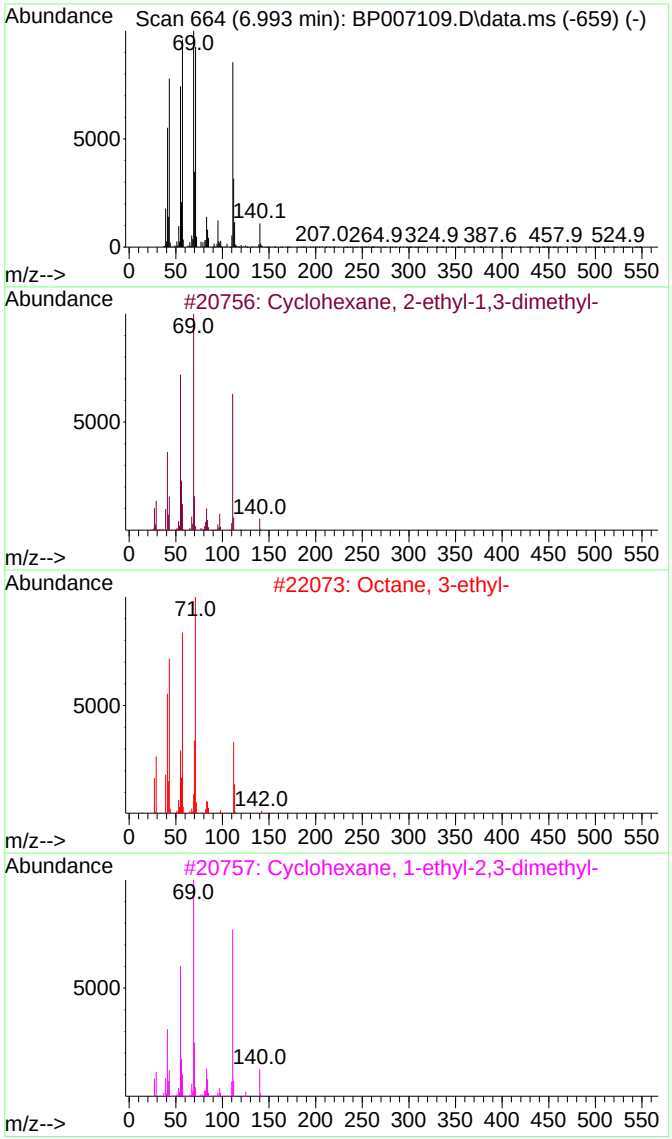
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

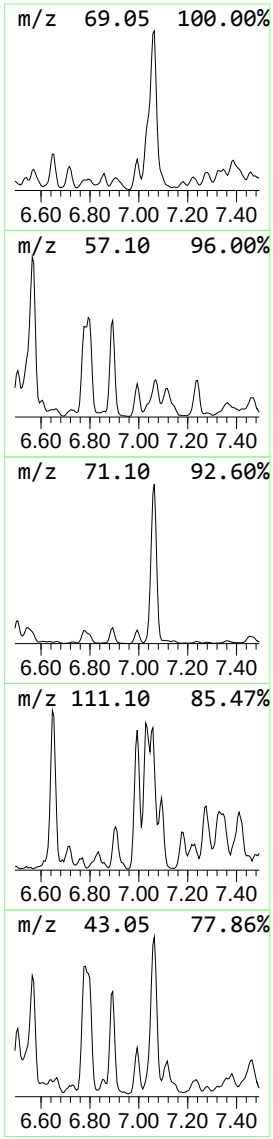
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 2-ethyl-1,3-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.993	3.10 ng	445869	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	60
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	50
3	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	49
4	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	47
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	47





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Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

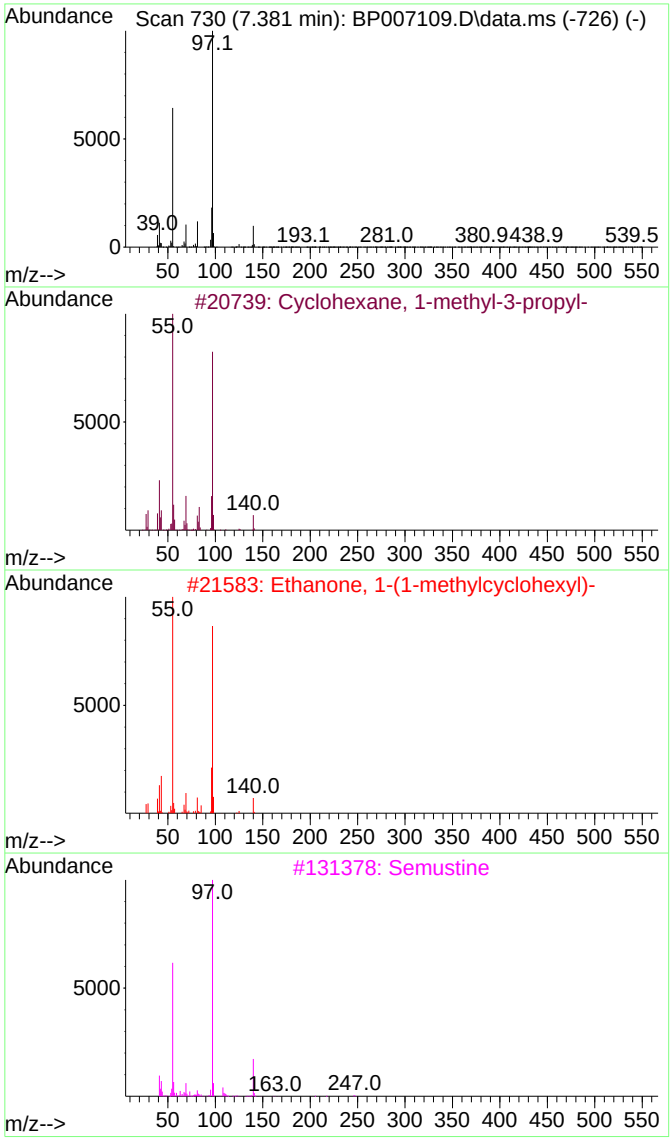
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

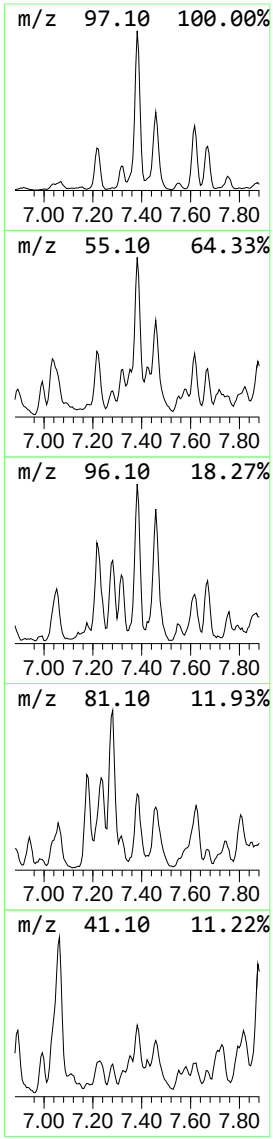
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1-methyl-3-pro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.381	6.02 ng	864720	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	78
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	78
3	Semustine	247	C10H18ClN3O2	013909-09-6	64
4	2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	59
5	Cyclopropane, 3-chloro-1,1,2,2-t...	132	C7H13Cl	014123-41-2	50





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Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

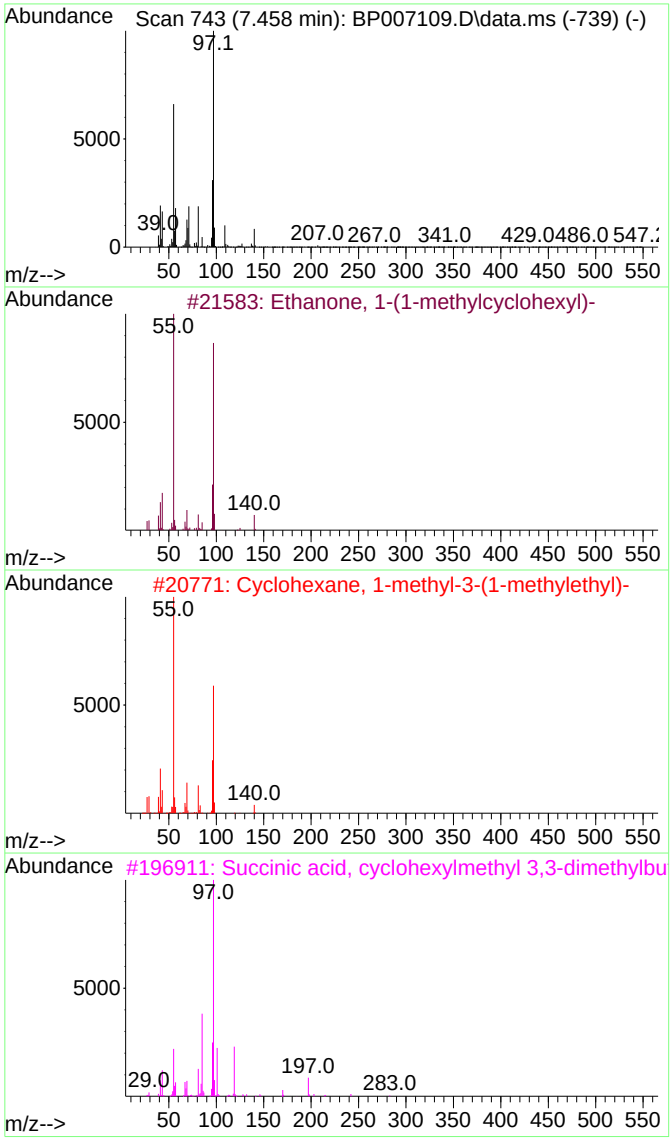
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

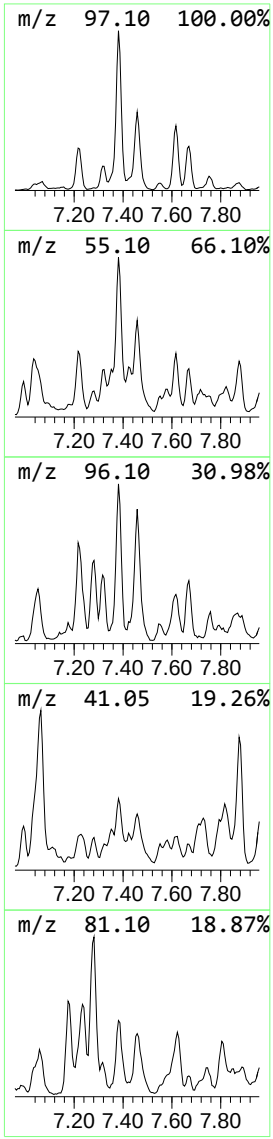
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Ethanone, 1-(1-methylcycloh... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.458	6.14 ng	882822	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
2	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	64
3	Succinic acid, cyclohexylmethyl ...	298	C17H30O4	1000390-62-6	64
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
5	1-(2-Furyl)-3-buten-1-ol	138	C8H10O2	1000311-94-9	59





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Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

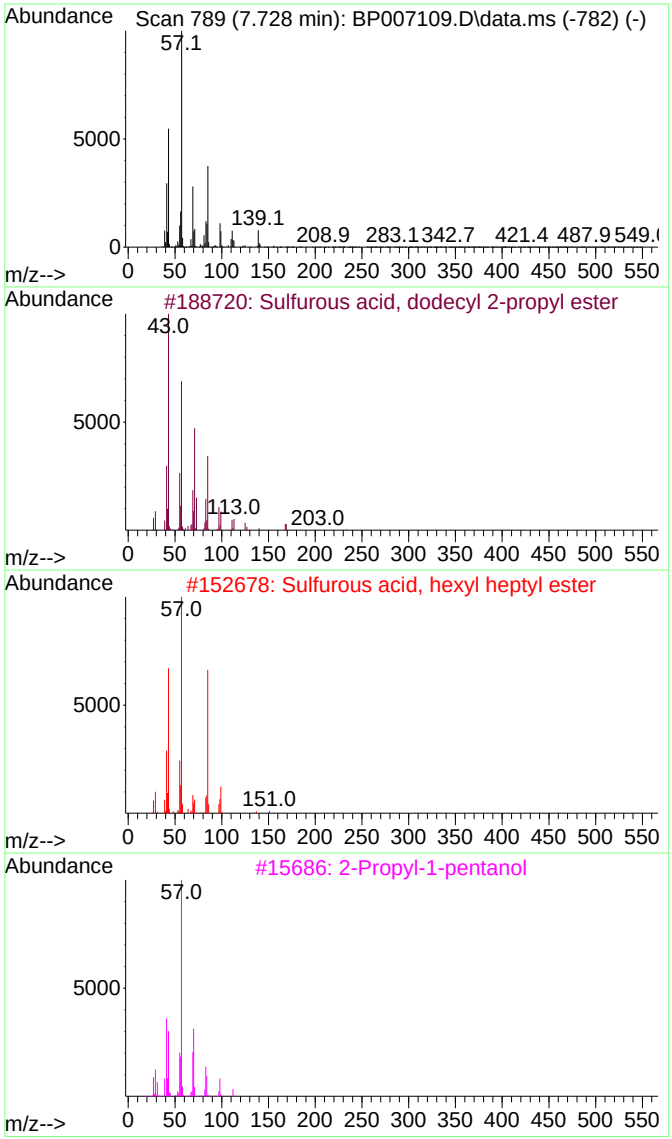
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

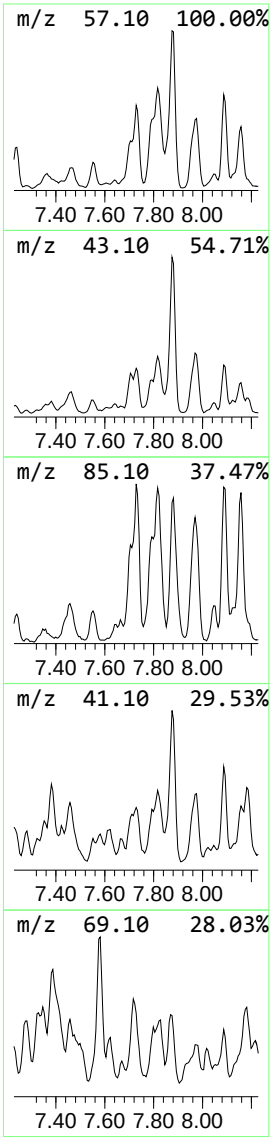
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Sulfurous acid, dodecyl 2-p... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.728	4.49 ng	645886	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	50
2	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	50
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
4	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	47
5	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	47





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Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

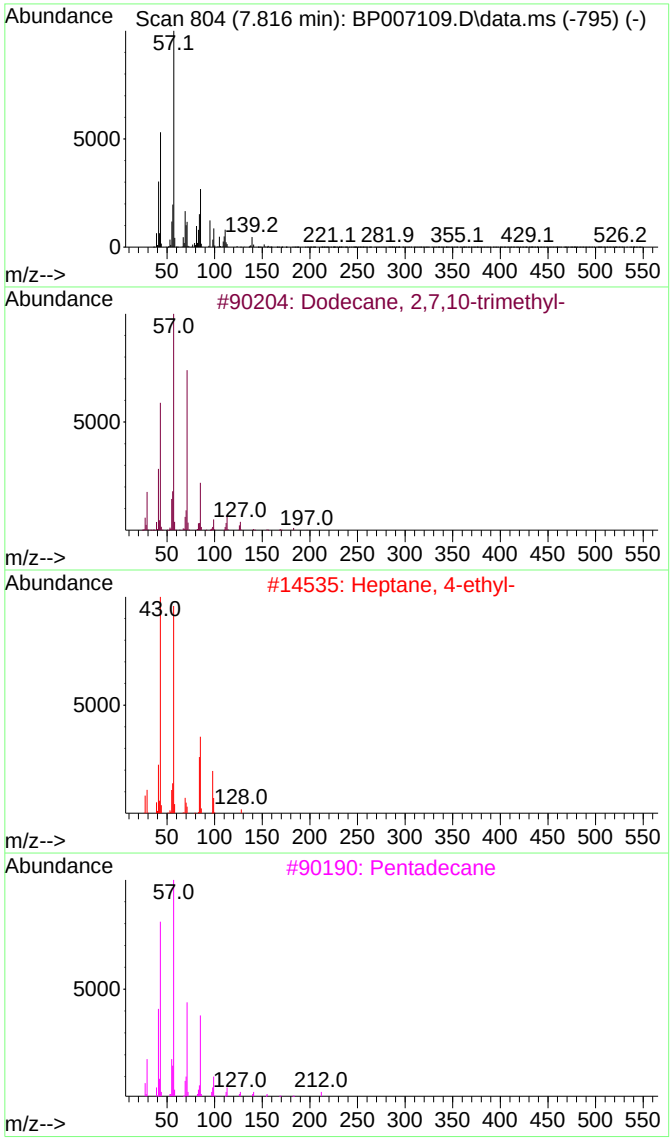
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

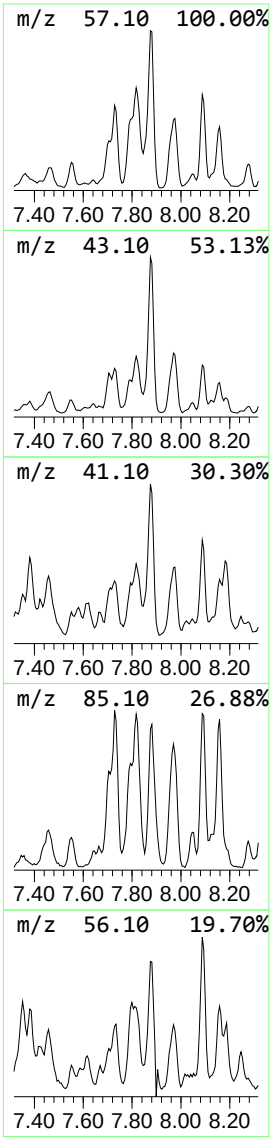
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	6.85 ng	985213	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
3	Pentadecane	212	C15H32	000629-62-9	47
4	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	43
5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	43





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Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

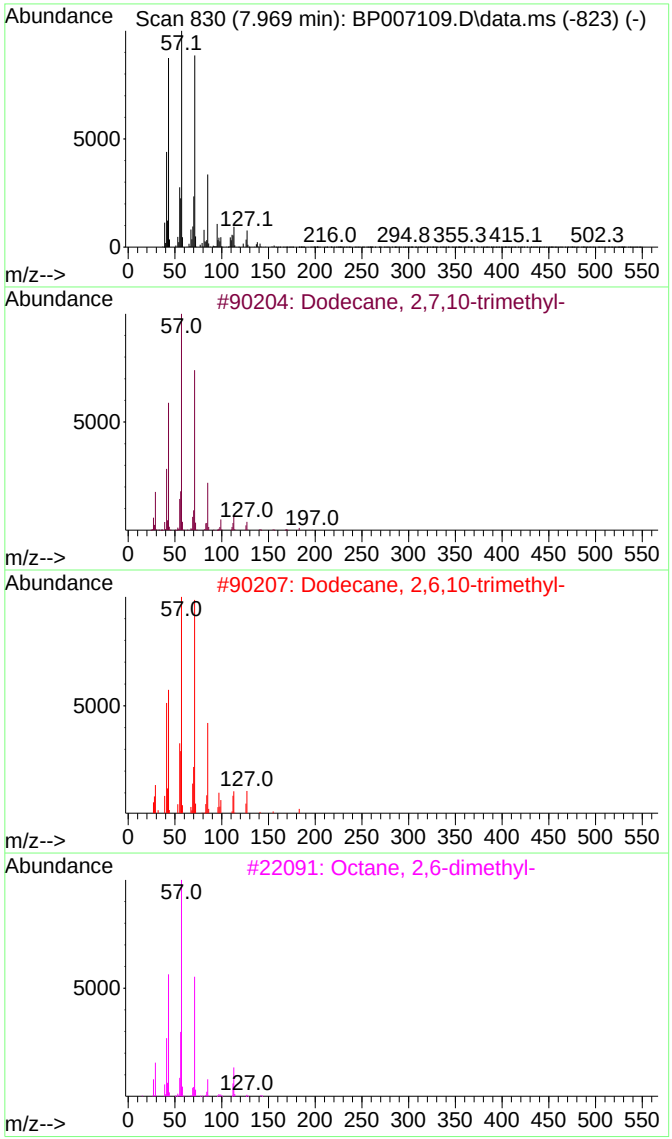
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

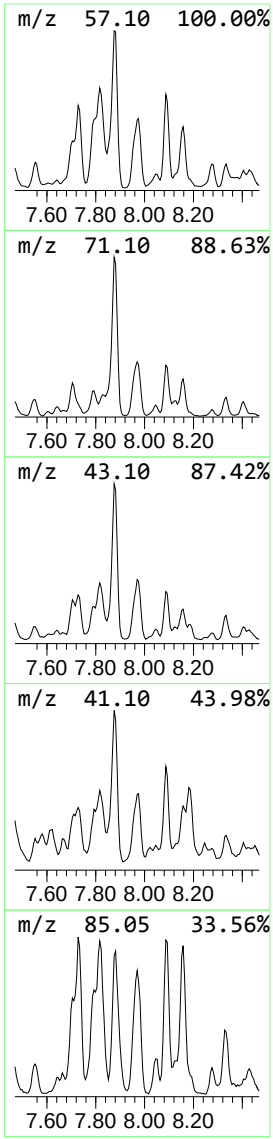
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	4.98 ng	715214	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	53





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Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

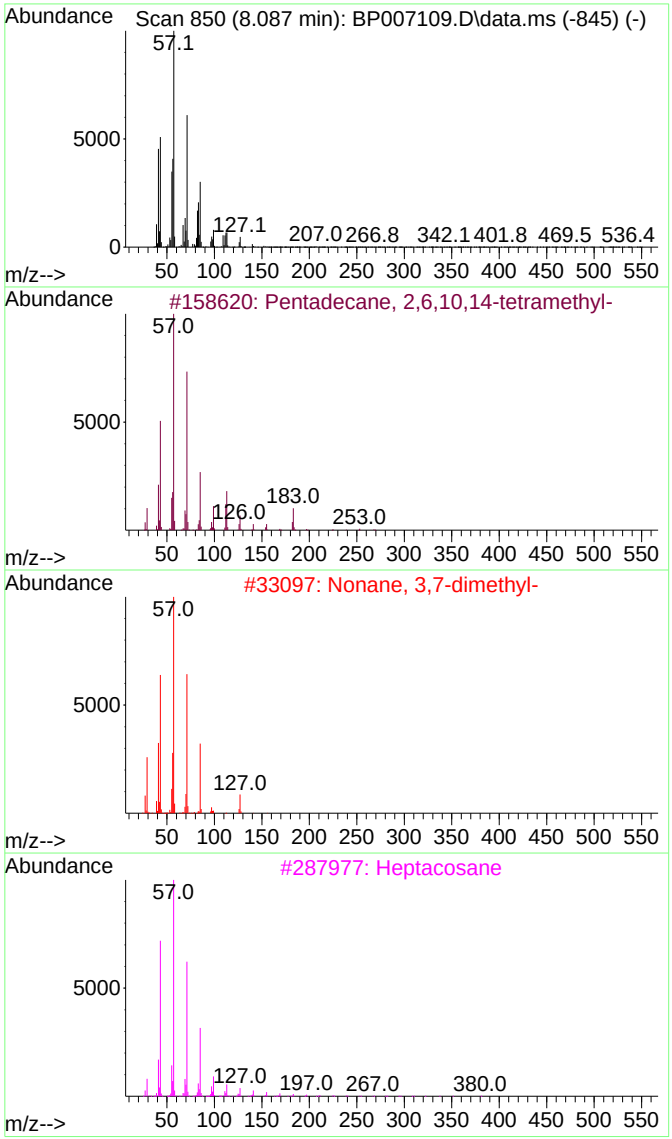
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

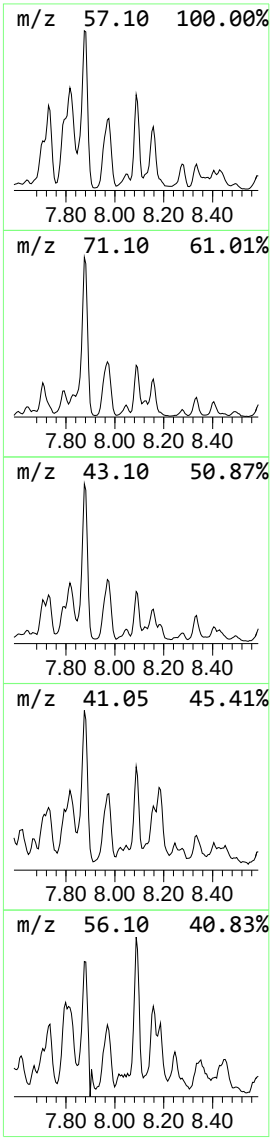
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.087	3.98 ng	572421	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
3	Heptacosane	380	C27H56	000593-49-7	49
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

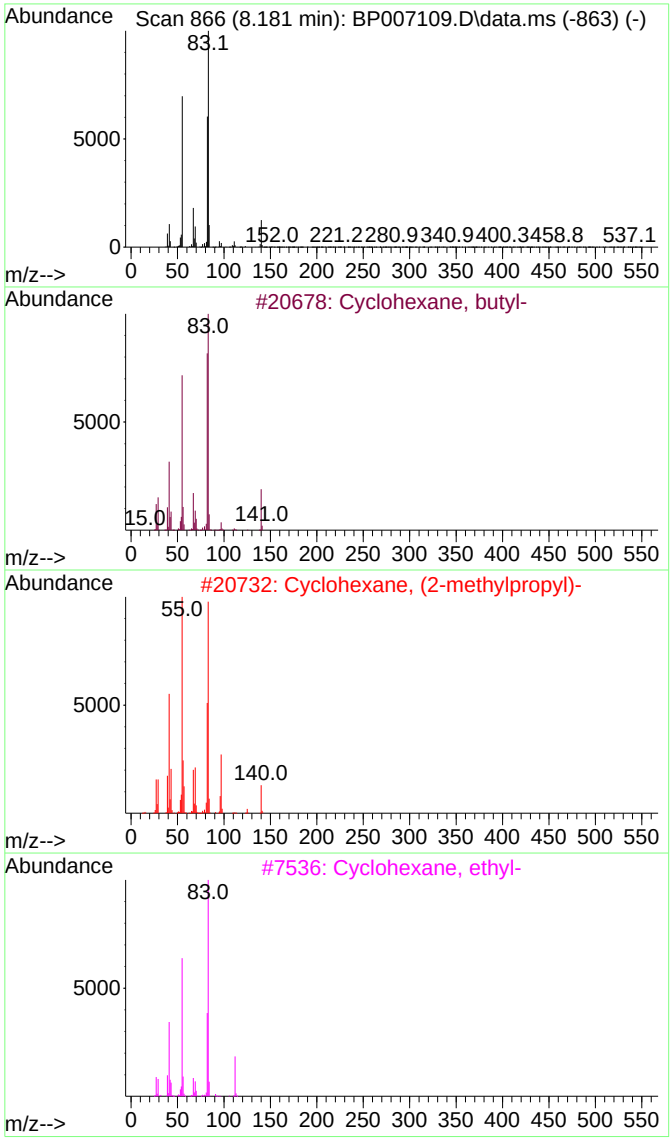
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

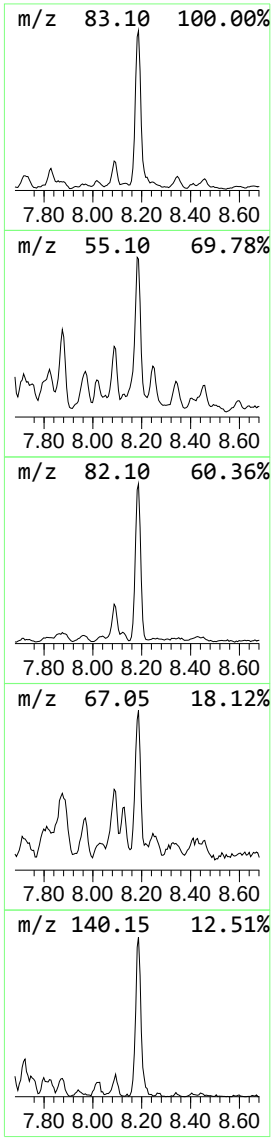
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.181	4.74 ng	680875	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	78
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5	Succinic acid, 2-methylpent-3-yl...	284	C16H28O4	1000391-11-2	64





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

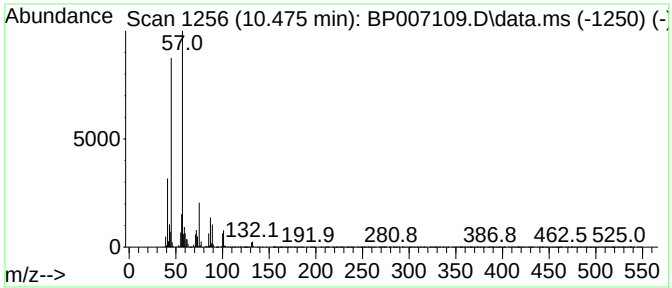
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

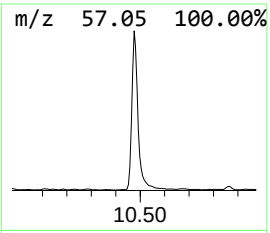
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

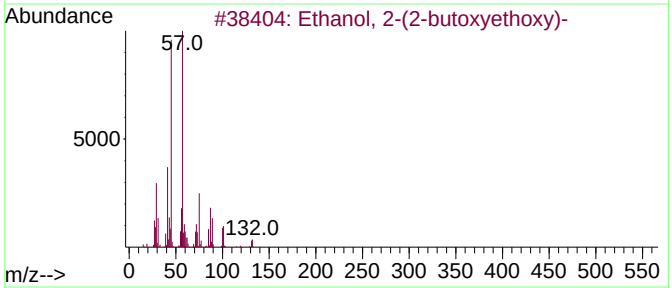
****
Peak Number 16 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

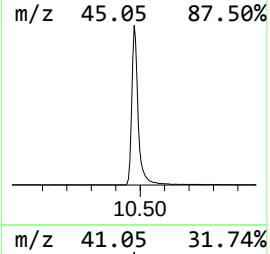
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	14.03 ng	1553470	Naphthalene-d8	10.699

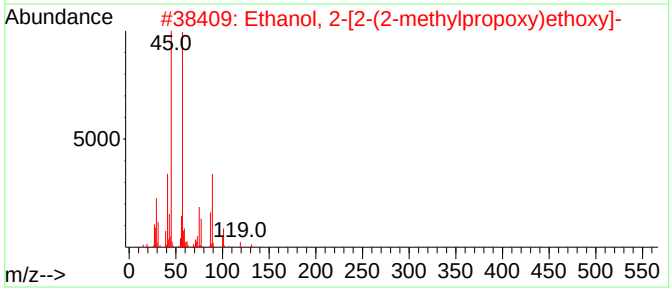
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	50

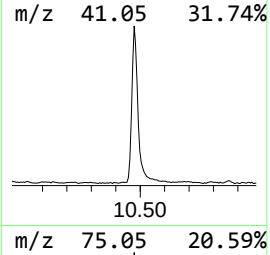


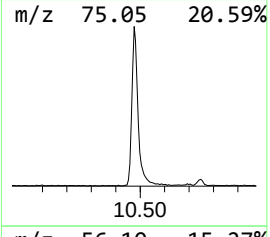


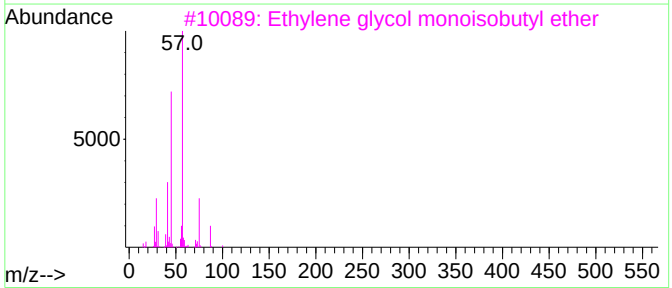


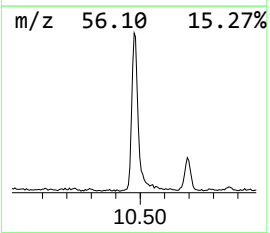












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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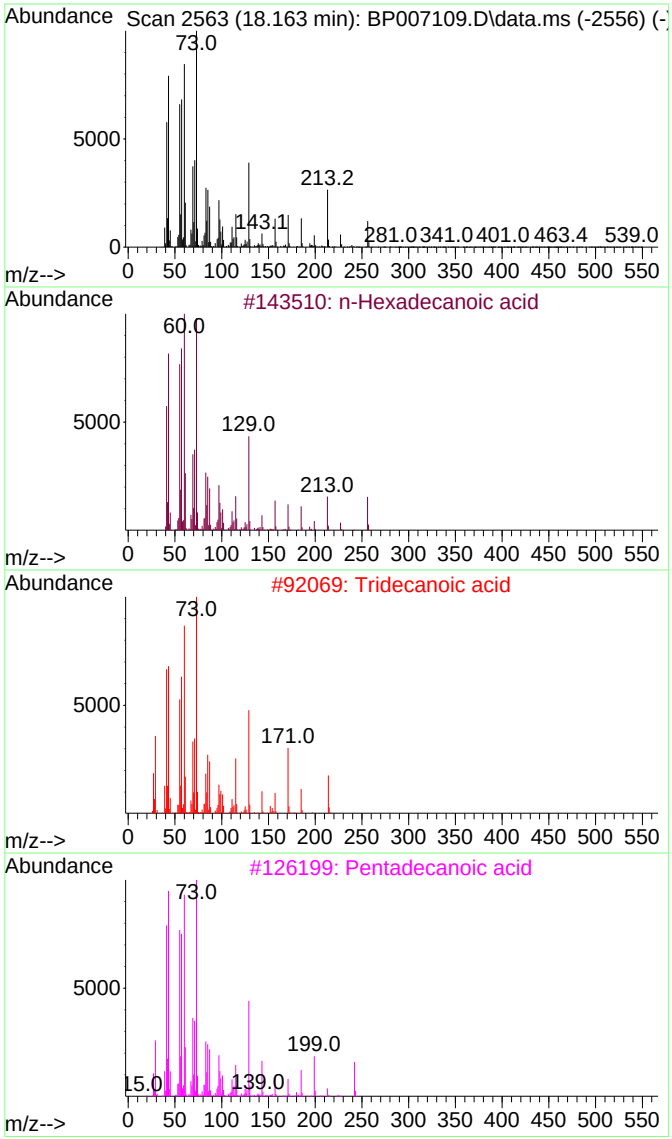
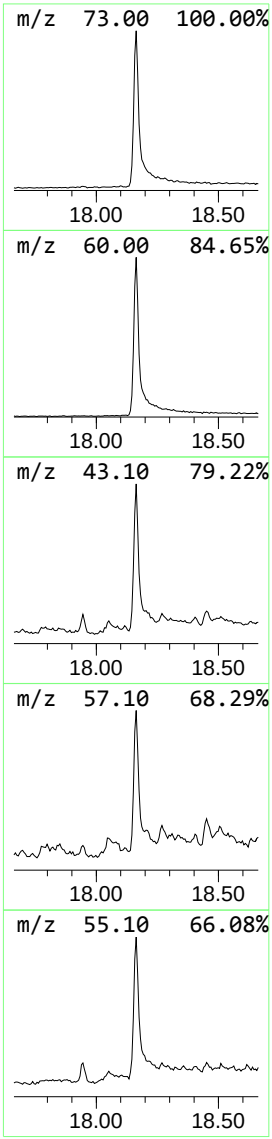
Peak Number 17 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	10.92 ng	1846600	Phenanthrene-d10	17.269

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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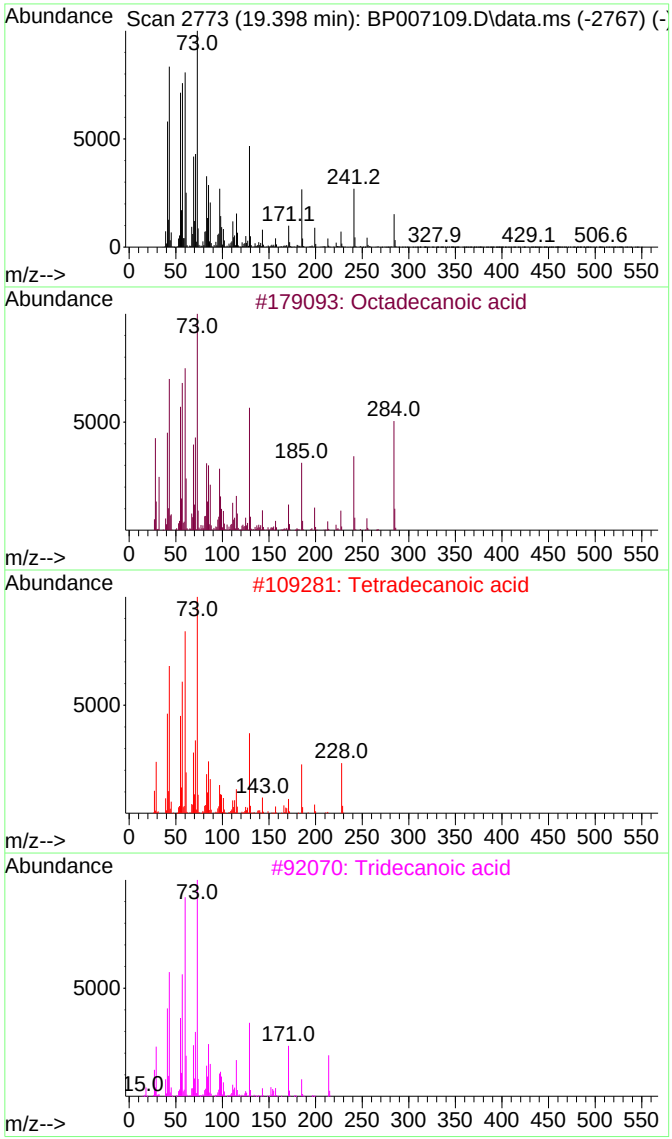
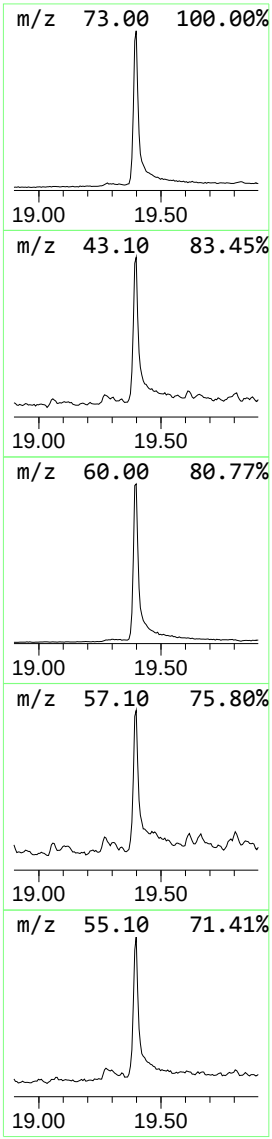
Peak Number 18 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	15.20 ng	4002510	Chrysene-d12	21.357

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	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-02-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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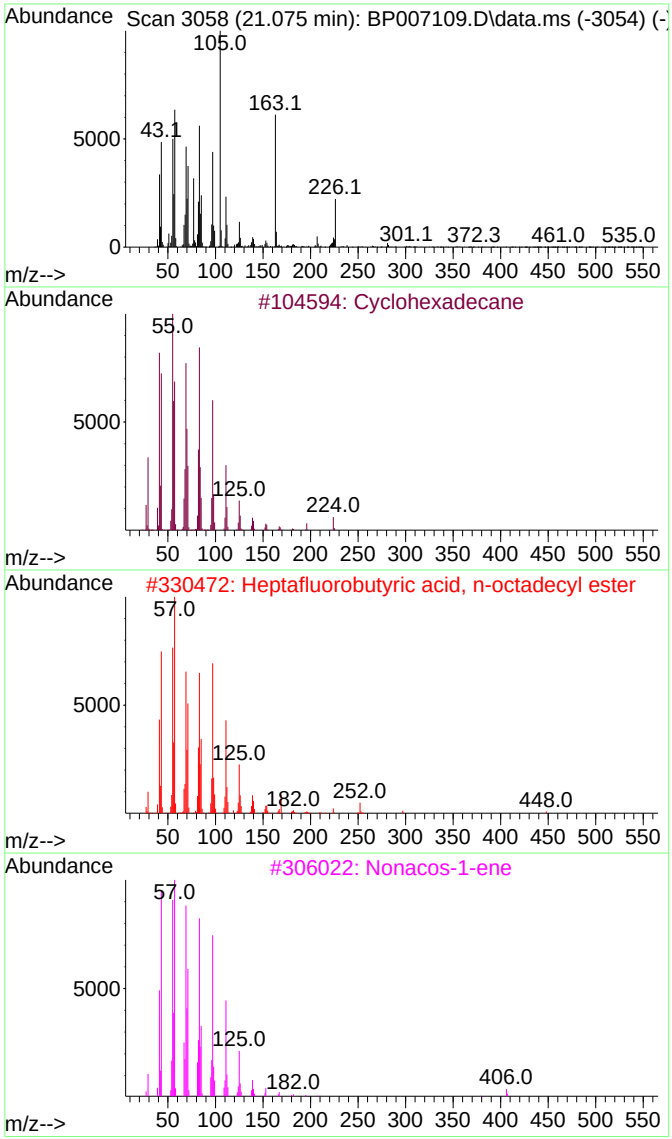
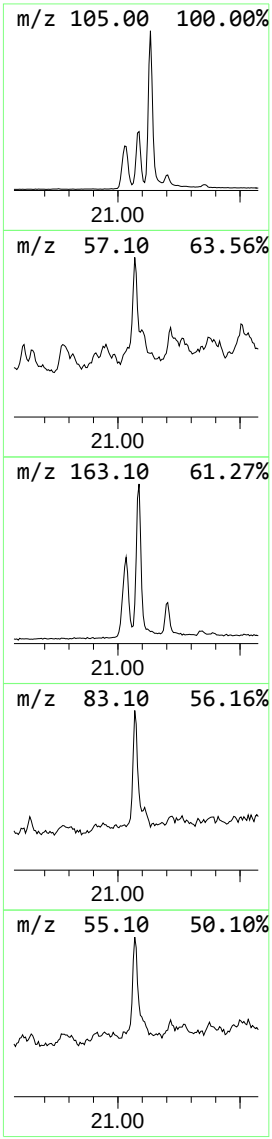
Peak Number 19 Cyclohexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.075	4.54 ng	1195500	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87
3	Nonacos-1-ene	406	C29H58	018835-35-3	78
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	78
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-02-(5-7)

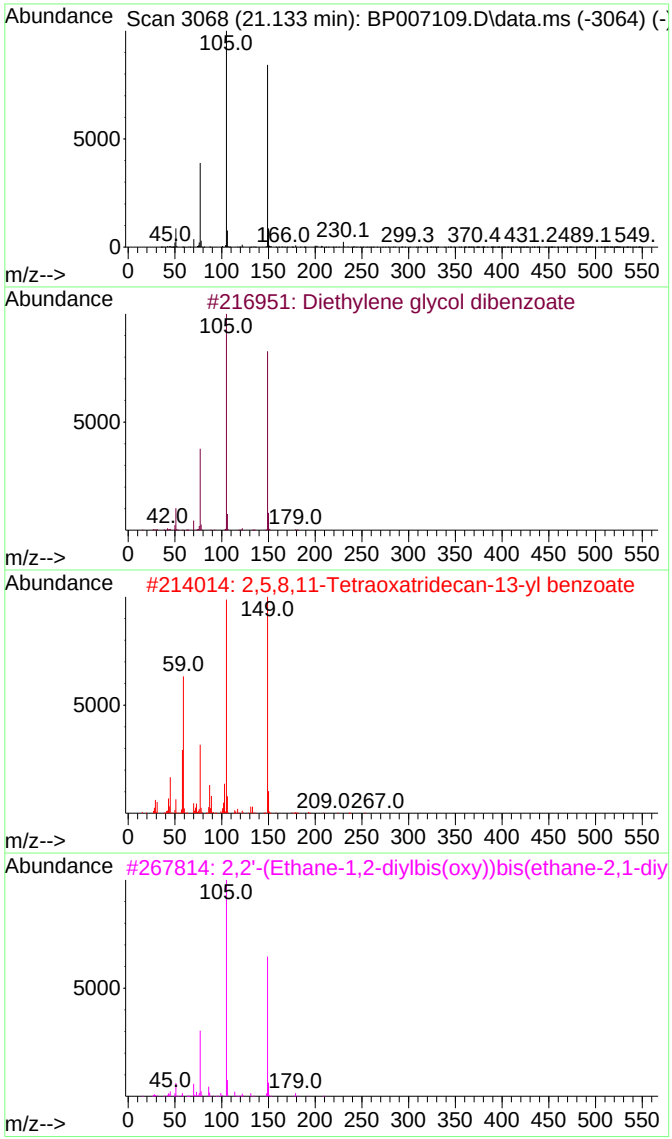
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

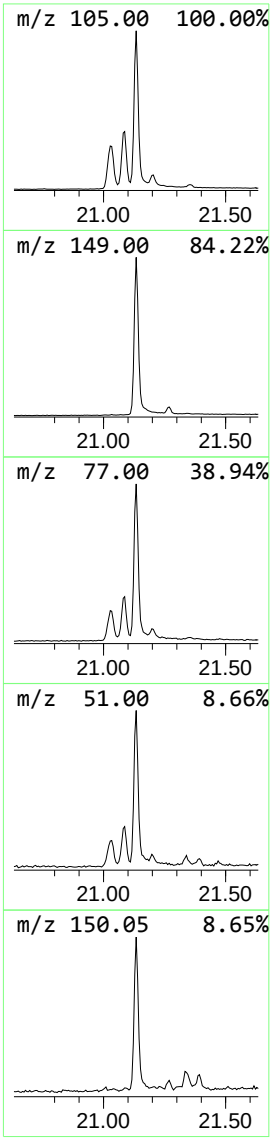
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Diethylene glycol dibenzoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	5.10 ng	1344040	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2	2,5,8,11-Tetraoxatridecan-13-yl ...	312	C16H24O6	1000366-96-7	78
3	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	78
4	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72
5	Benzoic acid, 2-(2-chlorophenoxy...	276	C15H13ClO3	1000368-25-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007109.D
Acq On : 22 Sep 2021 21:27
Operator : CG/JU
Sample : M3733-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-02-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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
unknown6.169	6.169	6.8	ng	977038	1	7.899	2875080	20.0
Octane, 2,5-dim...	6.293	5.1	ng	731379	1	7.899	2875080	20.0
Dodecane, 2,6,1...	6.381	5.0	ng	723917	1	7.899	2875080	20.0
Octane, 2,6-dim...	6.458	8.9	ng	1280580	1	7.899	2875080	20.0
Heptane, 3-ethy...	6.564	5.0	ng	714359	1	7.899	2875080	20.0
Undecane, 5-met...	6.781	4.5	ng	645433	1	7.899	2875080	20.0
Nonane, 4-methyl-	6.893	3.8	ng	552485	1	7.899	2875080	20.0
Cyclohexane, 2-...	6.993	3.1	ng	445869	1	7.899	2875080	20.0
Cyclohexane, 1-...	7.381	6.0	ng	864720	1	7.899	2875080	20.0
Ethanone, 1-(1-...	7.458	6.1	ng	882822	1	7.899	2875080	20.0
Sulfurous acid,...	7.728	4.5	ng	645886	1	7.899	2875080	20.0
Dodecane, 2,7,1...	7.816	6.8	ng	985213	1	7.899	2875080	20.0
Dodecane, 2,6,1...	7.969	5.0	ng	715214	1	7.899	2875080	20.0
Pentadecane, 2,...	8.087	4.0	ng	572421	1	7.899	2875080	20.0
Cyclohexane, bu...	8.181	4.7	ng	680875	1	7.899	2875080	20.0
Ethanol, 2-(2-b...	10.475	14.0	ng	1553470	2	10.699	2214020	20.0
n-Hexadecanoic ...	18.163	10.9	ng	1846600	4	17.269	3382070	20.0
Octadecanoic acid	19.398	15.2	ng	4002510	5	21.357	5267030	20.0
Cyclohexadecane	21.075	4.5	ng	1195500	5	21.357	5267030	20.0
Diethylene glyc...	21.133	5.1	ng	1344040	5	21.357	5267030	20.0