LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033398.D
Acq On : 10 Dec 2021 17:25
Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

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_M\Methods\8270-BM120821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033398.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.649	65	70	81	rVB	797866	1216684	47.96%	5.030%
2	5.490	377	383	389	rBV	1003387	1480190	58.35%	6.119%
3	5.548	389	393	401	rVB	47712	105111	4.14%	0.435%
4	5.913	452	455	461	rVB	26534	42188	1.66%	0.174%
5	5.990	463	468	476	rVB	176913	264919	10.44%	1.095%
6	6.548	559	563	569	rVB3	21619	35305	1.39%	0.146%
7	7.078	645	653	664	rBV	977975	1575840	62.12%	6.515%
8	7.901	783	793	799	rBV	242629	414595	16.34%	1.714%
9	7.960	799	803	809	rVB	85400	121714	4.80%	0.503%
10	8.060	815	820	825	rVB	62767	95012	3.75%	0.393%
11	8.119	825	830	840	rVB	38068	63342	2.50%	0.262%
12	8.425	878	882	887	rBV2	29160	53047	2.09%	0.219%
13	8.560	899	905	912	rBV	38581	59762	2.36%	0.247%
14	8.766	931	940	943	rBV4	26262	53515	2.11%	0.221%
15	8.925	960	967	974	rBV6	11846	28137	1.11%	0.116%
16	9.066	984	991	998	rBV	614968	1051859	41.47%	4.348%
17	9.454	1052	1057	1062	rVB2	28840	51884	2.05%	0.214%
18	9.995	1140	1149	1156	rBV	87830	157566	6.21%	0.651%
19	10.083	1156	1164	1168	rBV2	24639	41365	1.63%	0.171%
20	10.160	1173	1177	1181	rBV	16098	25815	1.02%	0.107%
21	10.472	1224	1230	1238	rBV	52649	87545	3.45%	0.362%
22	10.701	1262	1269	1275	rBV	288550	507356	20.00%	2.097%
23	10.754	1275	1278	1286	rVB6	19762	31188	1.23%	0.129%
24	11.060	1323	1330	1347	rBV	1142707	1929597	76.07%	7.977%
25	11.230	1354	1359	1365	rVV3	15117	27596	1.09%	0.114%
26	11.289	1365	1369	1375	rVB2	16294	27228	1.07%	0.113%
27	12.883	1635	1640	1651	rVB	114779	179898	7.09%	0.744%
28	13.154	1676	1686	1694	rBV	1336805	2265498	89.31%	9.366%
29	14.054	1834	1839	1846	rVB2	49282	72157	2.84%	0.298%
30	14.171	1853	1859	1865	rBV7	25946	43840	1.73%	0.181%
31	14.413	1891	1900	1906	rVB3	36443	84371	3.33%	0.349%
32	14.530	1914	1920	1931	rVB	414323	644201	25.40%	2.663%
33	14.636	1932	1938	1951	rBV	241936	380389	15.00%	1.573%
34	14.777	1957	1962	1972	rBV8	15900	34674	1.37%	0.143%
35	14.936	1982	1989	1997	rBV3	47106	81984	3.23%	0.339%
36	15.254	2036	2043	2050	rBV	43346	119754	4.72%	0.495%

LSC Area Percent Report

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RED-WALL-CONCRETE-COMP

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

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.313	2050	2053	2056	rVV	44271	66178	2.61%	0.274%
38	15.360	2059	2061	2067	rVB2	35142	43825	1.73%	0.181%
39	15.524	2085	2089	2093	rBV	19800	26256	1.04%	0.109%
40	15.754	2123	2128	2134	rBV7	27721	54332	2.14%	0.225%
41	15.930	2154	2158	2162	rBV2	62154	78984	3.11%	0.327%
42	16.013	2166	2172	2176	rBV	832266	1322468	52.14%	5.467%
43	16.224	2203	2208	2211	rBV2	40114	62756	2.47%	0.259%
44	16.295	2216	2220	2224	rVB7	15965	26771	1.06%	0.111%
45	16.348	2225	2229	2233	rVB	19585	27805	1.10%	0.115%
46	16.407	2234	2239	2245	rBV4	34193	53766	2.12%	0.222%
47	16.512	2253	2257	2261	rBV	70310	99415	3.92%	0.411%
48	16.665	2278	2283	2291	rVB9	22882	48945	1.93%	0.202%
49	16.730	2291	2294	2299	rBV	29974	46203	1.82%	0.191%
50	16.865	2311	2317	2325	rVB2	42509	67834	2.67%	0.280%
51	17.012	2337	2342	2346	rBV	61209	80204	3.16%	0.332%
52	17.065	2347	2351	2357	rVB3	57808	89162	3.51%	0.369%
53	17.265	2379	2385	2391	rBV	473599	706130	27.84%	2.919%
54	17.383	2401	2405	2410	rVB3	64441	84642	3.34%	0.350%
55	17.530	2425	2430	2436	rBV2	98631	208146	8.21%	0.860%
56	17.618	2441	2445	2450	rVV	79333	116619	4.60%	0.482%
57	17.748	2461	2467	2472	rBV	88280	115719	4.56%	0.478%
58	17.918	2492	2496	2501	rVB3	76447	106940	4.22%	0.442%
59	18.148	2531	2535	2539	rBV2	52246	68476	2.70%	0.283%
60	18.224	2545	2548	2551	rBV	66681	77013	3.04%	0.318%
61	18.442	2581	2585	2590	rBV	100814	133120	5.25%	0.550%
62	18.695	2624	2628	2632	rBV6	30766	51824	2.04%	0.214%
63	18.901	2659	2663	2669	rBV2	69802	118050	4.65%	0.488%
64	19.071	2688	2692	2695	rBV	100985	144289	5.69%	0.596%
65	19.406	2746	2749	2752	rBV4	38421	59879	2.36%	0.248%
66	19.495	2761	2764	2765	rBV	122222	128808	5.08%	0.532%
67	19.518	2765	2768	2773	rVB2	232709	301012	11.87%	1.244%
68	19.648	2787	2790	2793	rVB	79009	86778	3.42%	0.359%
69	19.812	2816	2818	2820	rBV	63575	67785	2.67%	0.280%
70	19.877	2824	2829	2834	rVB	2093867	2536620	100.00%	10.486%
71	20.177	2877	2880	2884	rBV2	89092	94728	3.73%	0.392%
72	20.353	2907	2910	2916	rBV2	100034	166830	6.58%	0.690%
73	20.900	3001	3003	3007	rVB	96142	88666	3.50%	0.367%
74	20.995	3016	3019	3030	rVB	320228	461121	18.18%	1.906%
75	21.124	3039	3041	3045	rVB	185482	189312	7.46%	0.783%
76	21.336	3073	3077	3082	rVB	272209	354172	13.96%	1.464%

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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.430	3089	3093	3098	rVB	564932	715277	28.20%	2.957%
78	22.283	3234	3238	3246	rVB	295220	437207	17.24%	1.807%
79	23.747	3482	3487	3496	rVB3	344100	686165	27.05%	2.837%
80	23.859	3503	3506	3513	rVB3	137115	234156	9.23%	0.968%

Sum of corrected areas: 24189514

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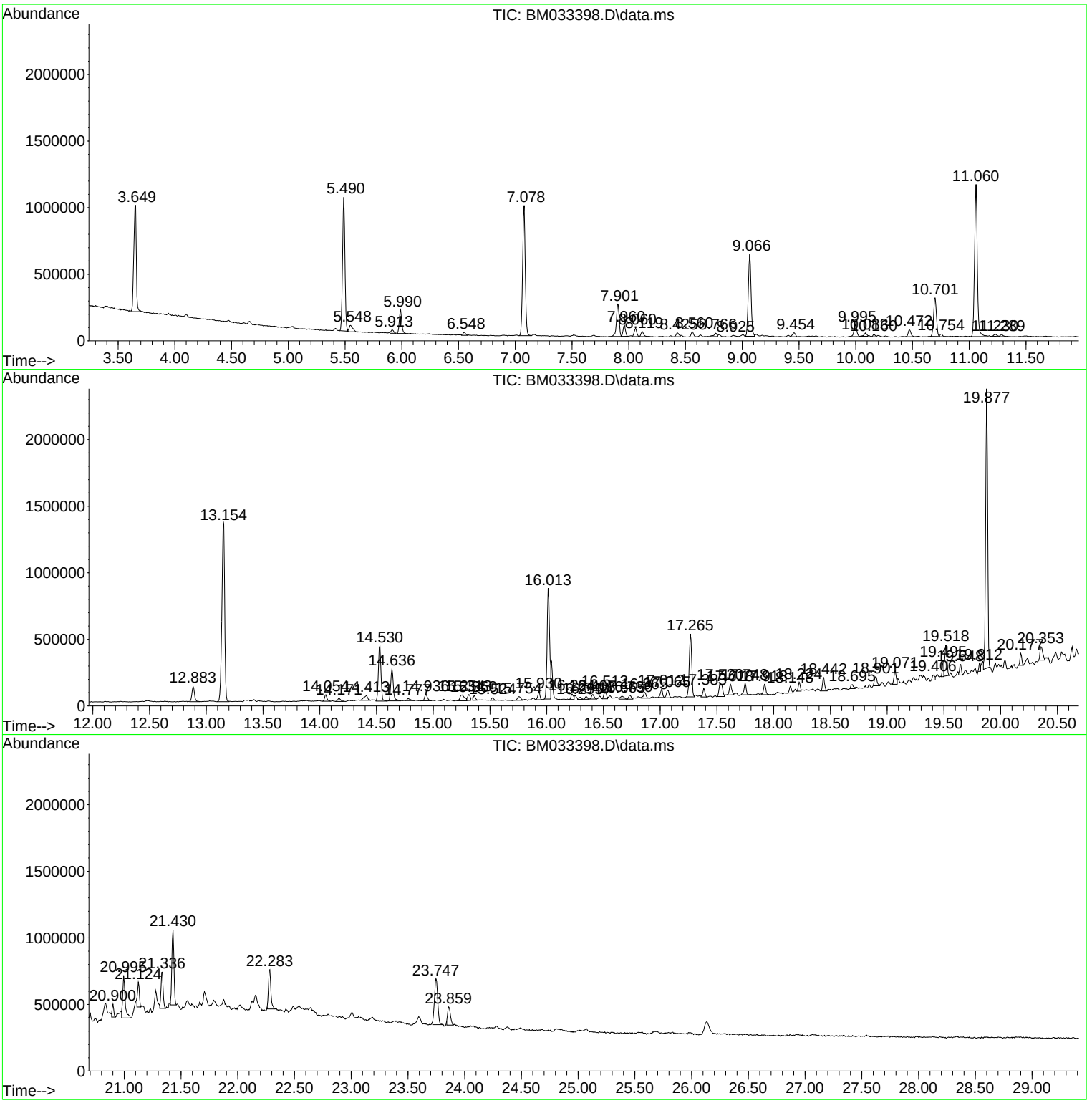
Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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_M\Data\BM121021\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

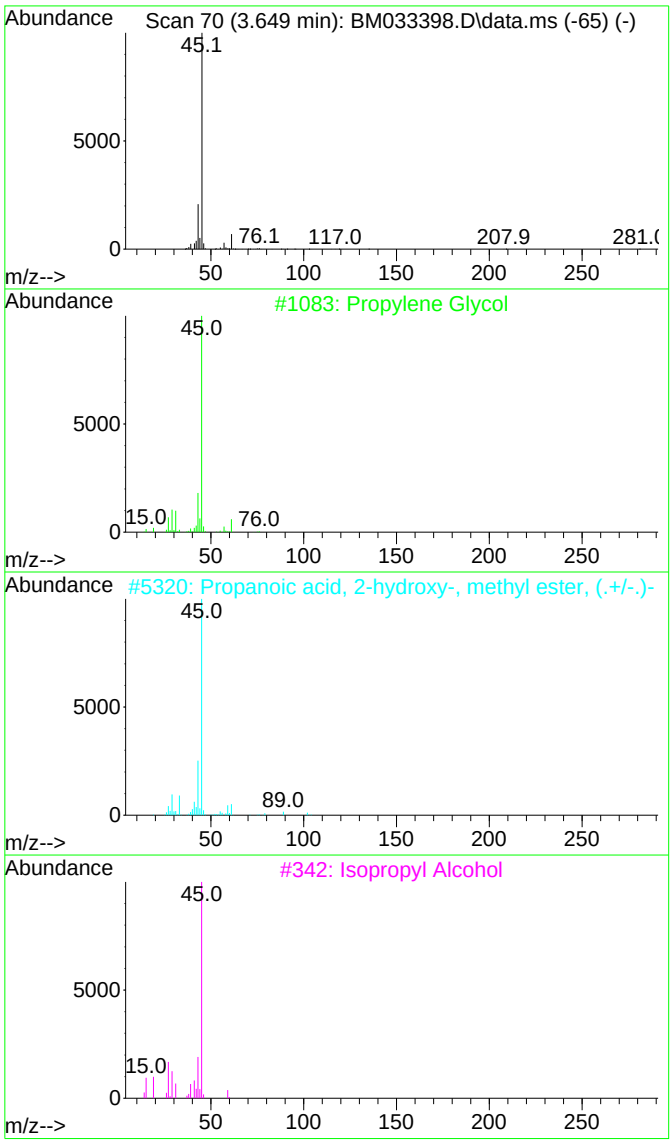
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

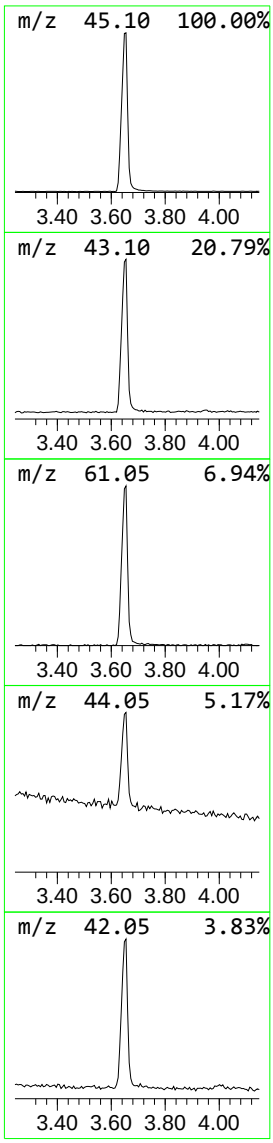
****

Peak Number 1 Propylene Glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.649	58.69 ng	1216680	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	9
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033398.D
Acq On : 10 Dec 2021 17:25
Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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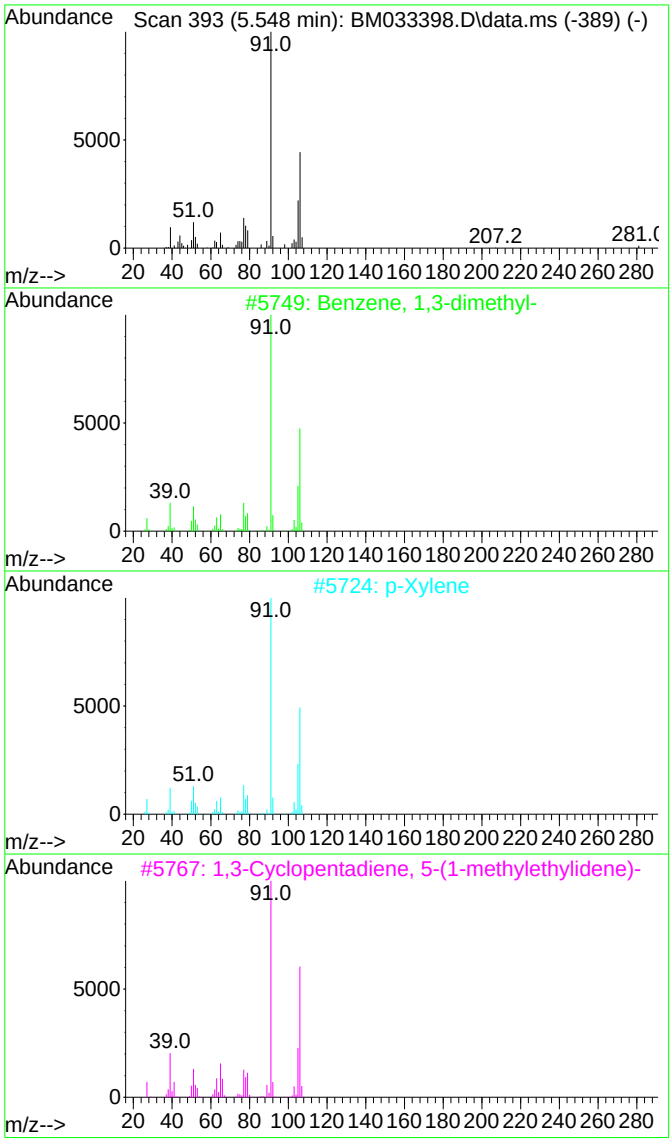
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

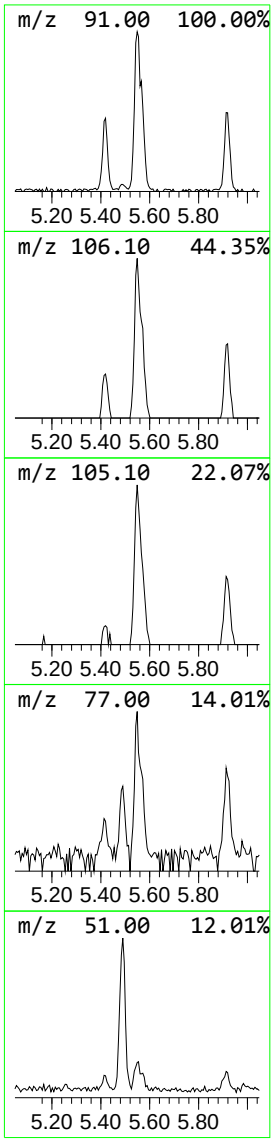
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.548	5.07 ng	105111	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	p-Xylene	106	C8H10	000106-42-3	94
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
4	o-Xylene	106	C8H10	000095-47-6	90
5	Ethylbenzene	106	C8H10	000100-41-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

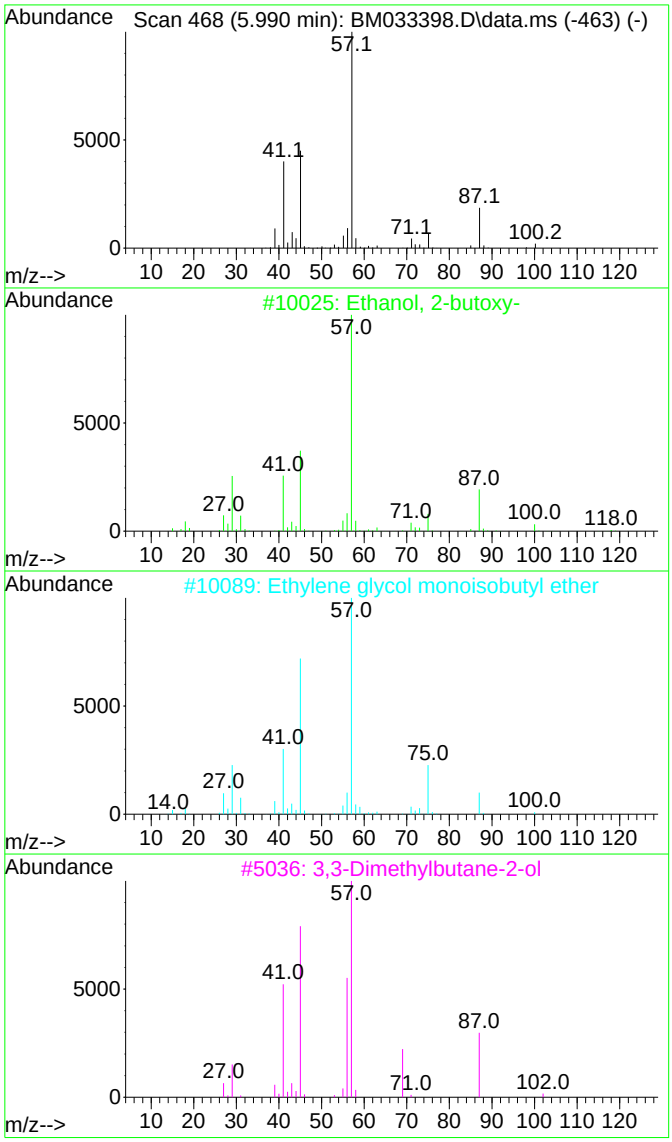
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

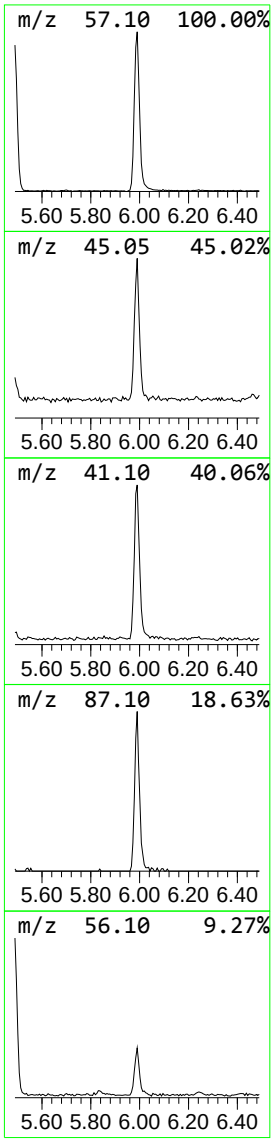
****

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.990	12.78 ng	264919	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	38
4	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	25
5	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	22





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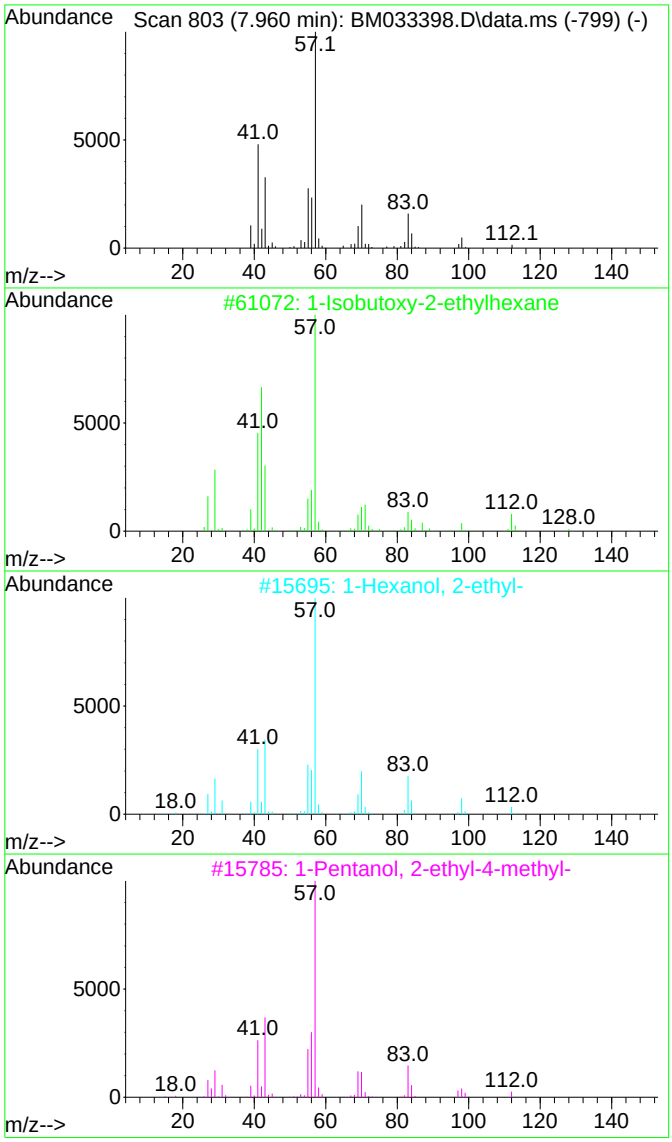
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

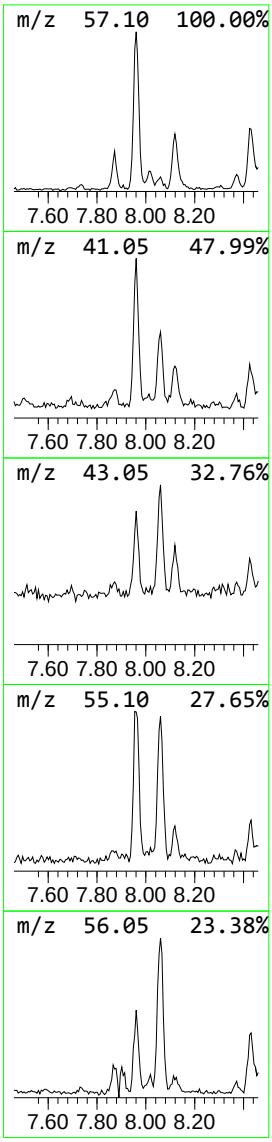
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Isobutoxy-2-ethylhexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.960	5.87 ng	121714	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	53
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

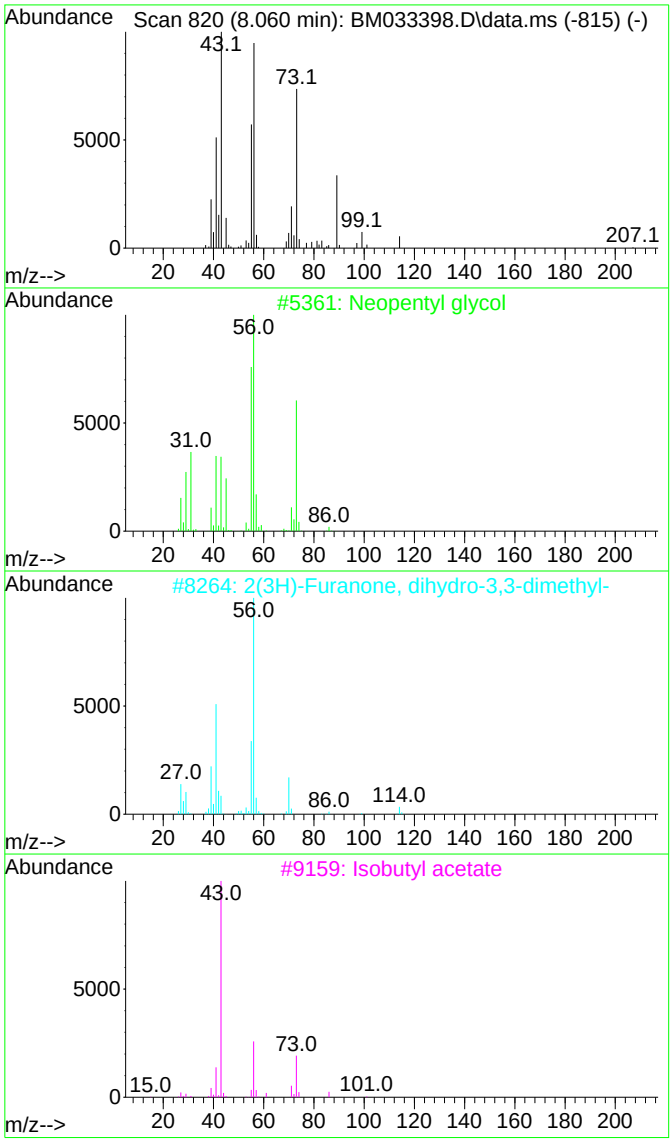
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

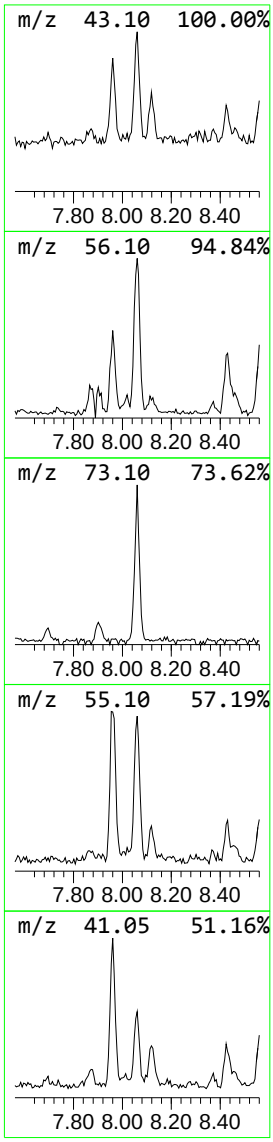
****

Peak Number 5 Neopentyl glycol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.060	4.58 ng	95012	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentyl glycol	104	C5H12O2	000126-30-7	59
2	2(3H)-Furanone, dihydro-3,3-dime...	114	C6H10O2	003709-08-8	43
3	Isobutyl acetate	116	C6H12O2	000110-19-0	42
4	3-Aminopiperidine-2,6-dione	128	C5H8N2O2	002353-44-8	42
5	Cyclohexylamine	99	C6H13N	000108-91-8	38





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Instrument :
BNA_M
ClientSampleId :
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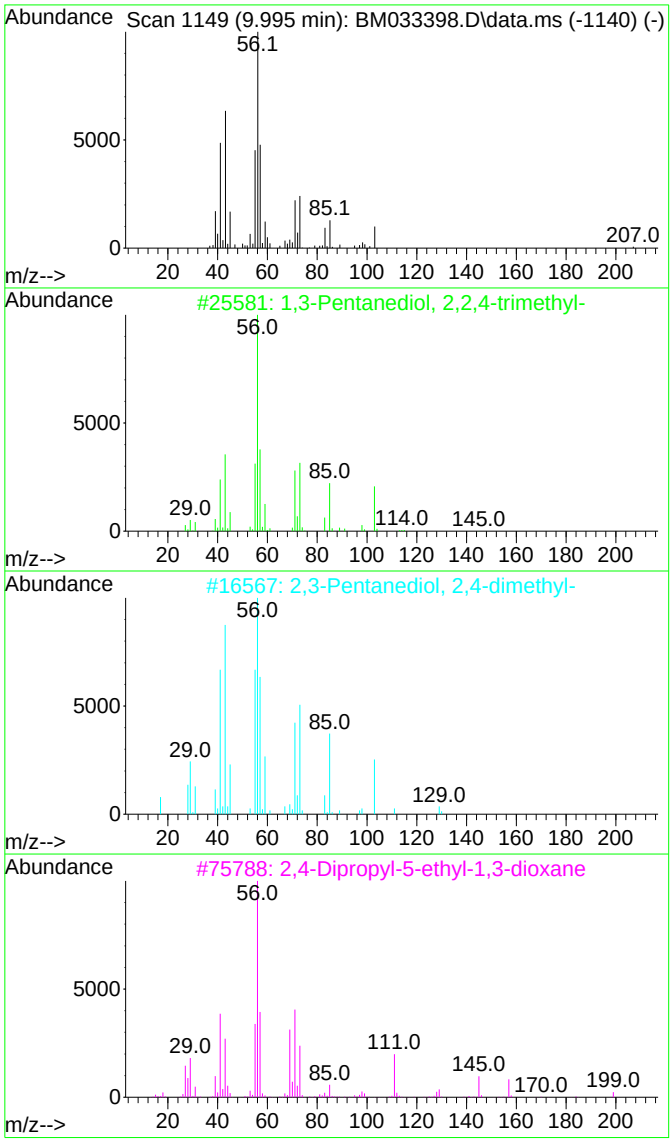
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

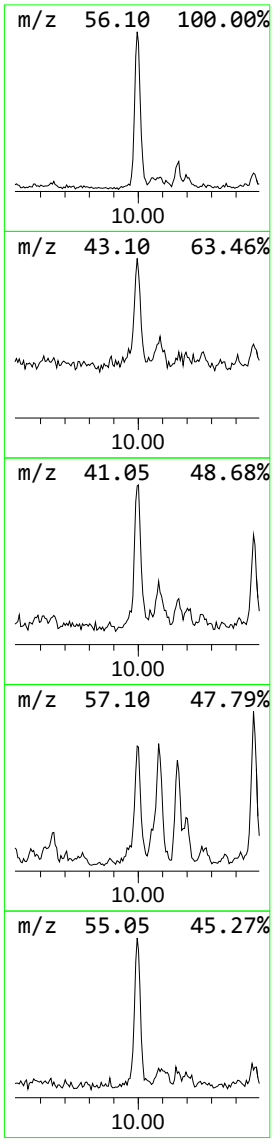
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.995	6.21 ng	157566	Naphthalene-d8	10.695

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	83
2	2,3-Pentanediol, 2,4-dimethyl-	132	C7H16O2	066225-53-4	50
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	40
4	Neopentyl glycol	104	C5H12O2	000126-30-7	40
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38





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Acq On : 10 Dec 2021 17:25
Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

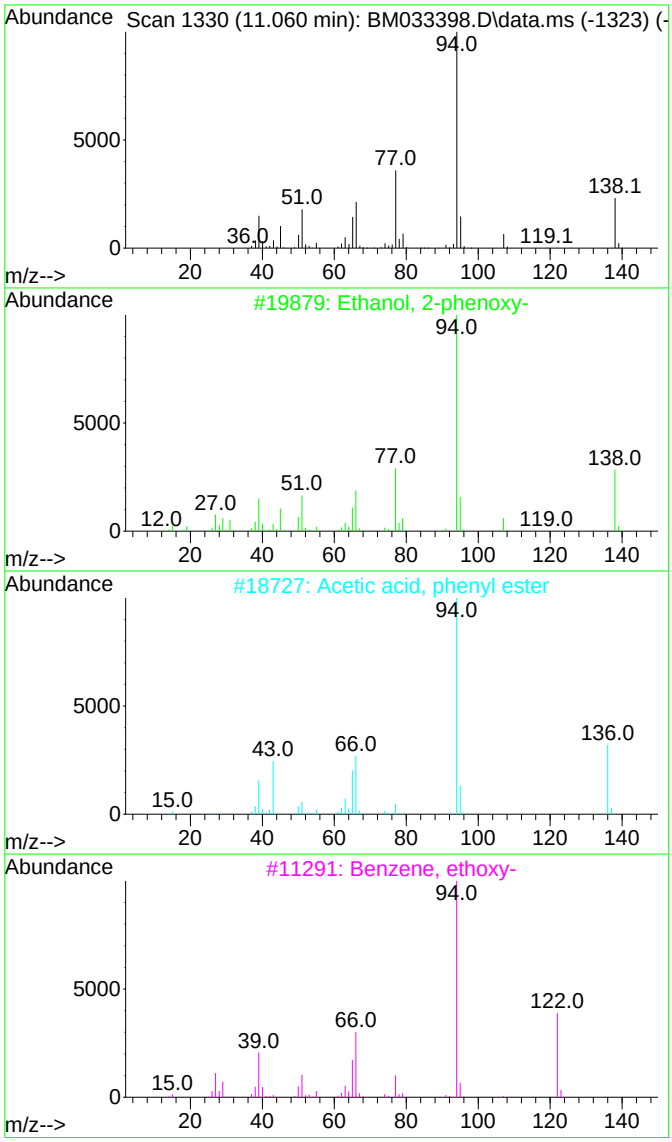
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

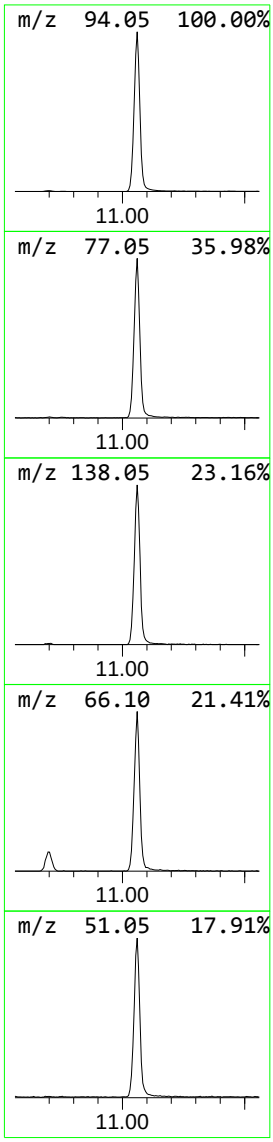
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethanol, 2-phenoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.060	76.06 ng	1929600	Naphthalene-d8	10.695

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	97
2	Acetic acid, phenyl ester	136	C8H8O2	000122-79-2	59
3	Benzene, ethoxy-	122	C8H10O	000103-73-1	59
4	Pyrimidine, 5-methyl-	94	C5H6N2	002036-41-1	59
5	Phenol	94	C6H6O	000108-95-2	58





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Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

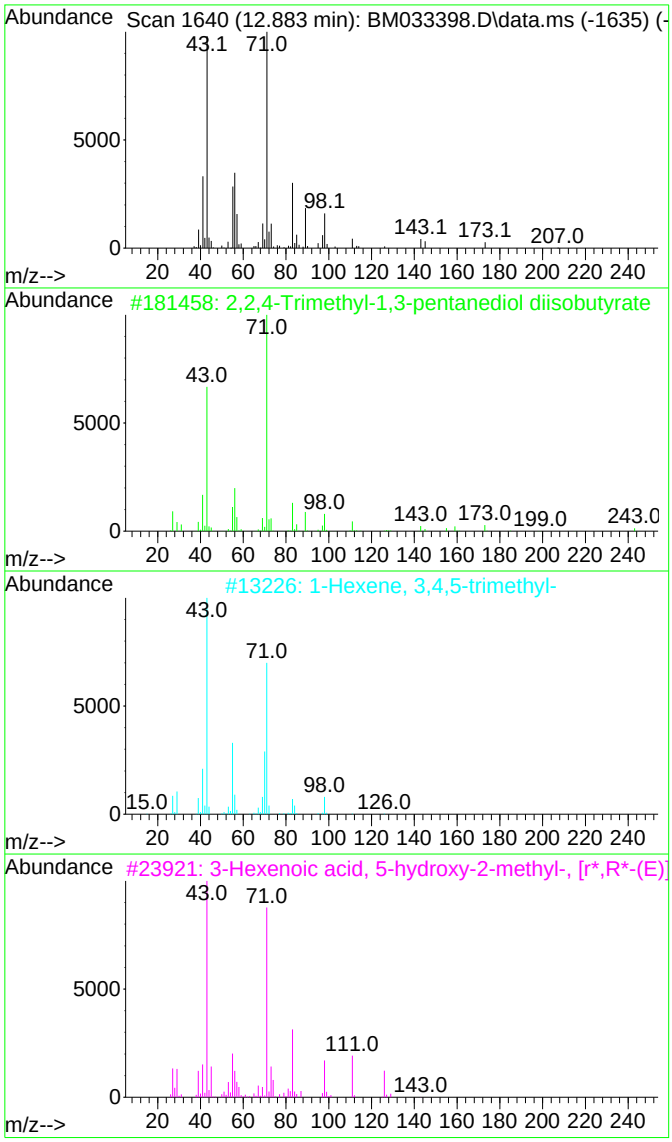
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

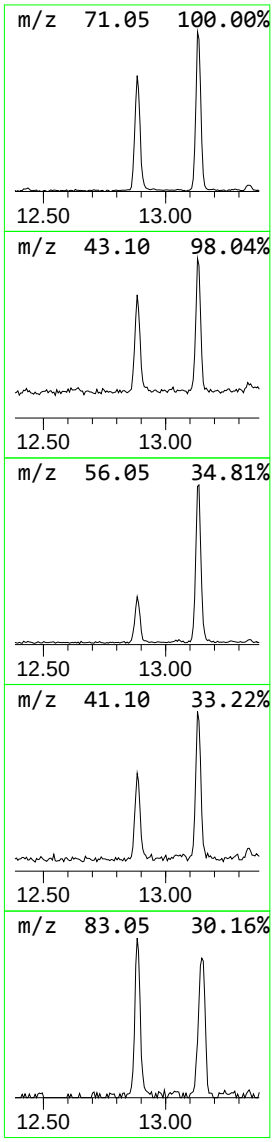
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.883	5.59 ng	179898	Acenaphthene-d10	14.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	78
2	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	46
3	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	45
4	Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	43
5	3-Hexanone, 2,5-dimethyl-4-nitro-	173	C8H15NO3	059906-54-6	43





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Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

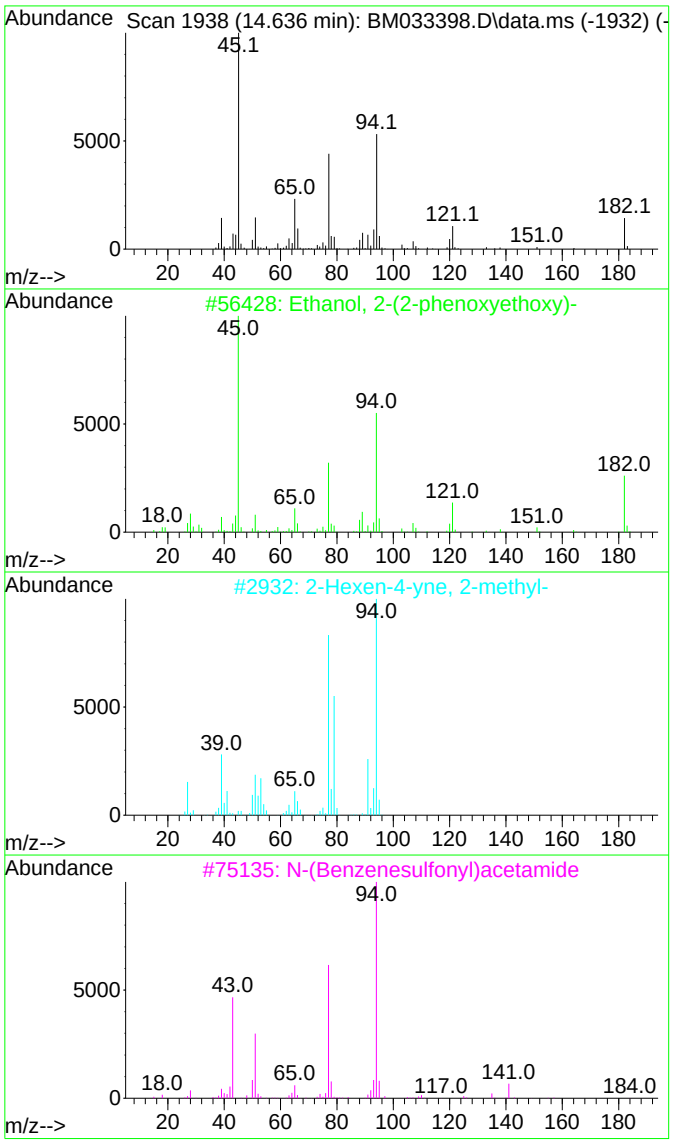
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

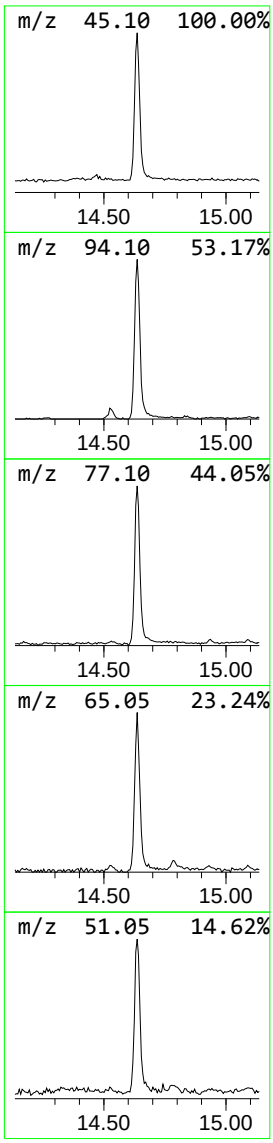
****

Peak Number 9 unknown14.636 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.636	11.81 ng	380389	Acenaphthene-d10	14.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-phenoxyethoxy)-	182	C10H14O3	000104-68-7	49
2	2-Hexen-4-yne, 2-methyl-	94	C7H10	058275-93-7	27
3	N-(Benzenesulfonyl)acetamide	199	C8H9NO3S	005661-14-3	22
4	2-Vinylfuran	94	C6H6O	001487-18-9	14
5	3-Nitrophenethyl alcohol, methyl...	181	C9H11NO3	1000364-50-4	12





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Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

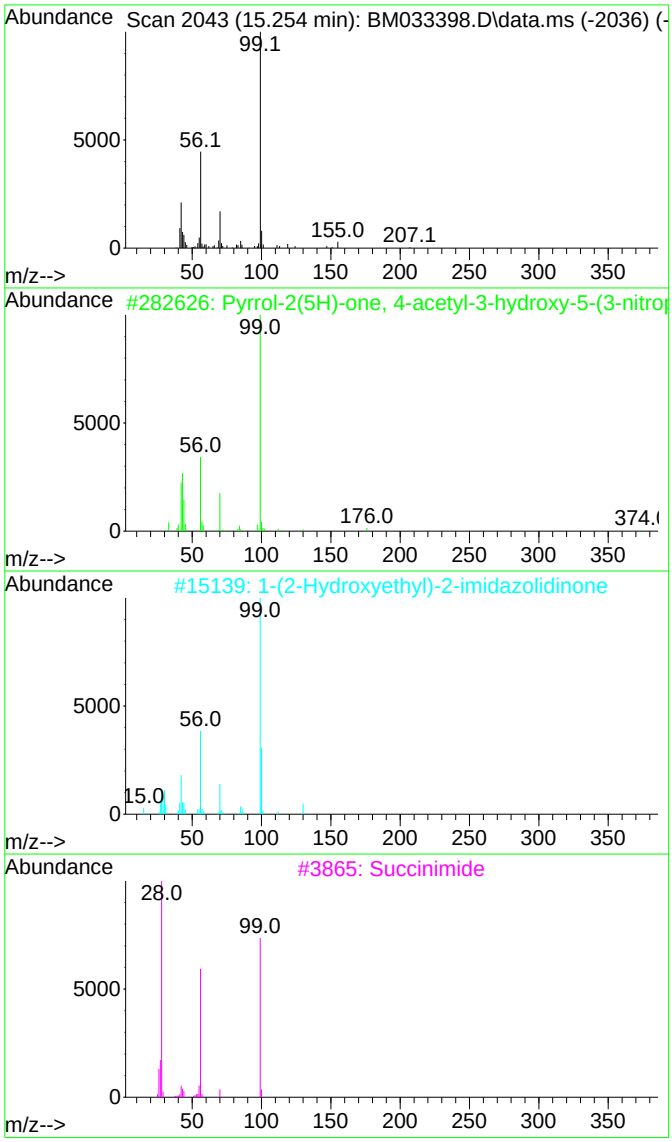
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

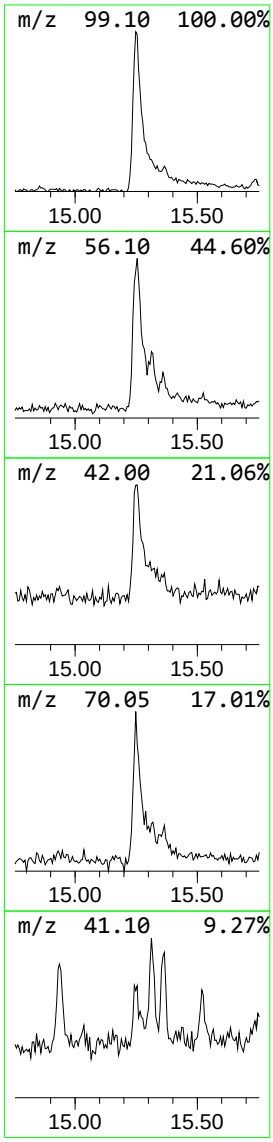
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrrol-2(5H)-one, 4-acetyl-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.254	3.72 ng	119754	Acenaphthene-d10	14.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrol-2(5H)-one, 4-acetyl-3-hyd...	374	C18H22N4O5	302566-41-2	74
2	1-(2-Hydroxyethyl)-2-imidazolidi...	130	C5H10N2O2	003699-54-5	72
3	Succinimide	99	C4H5NO2	000123-56-8	64
4	1-[(6-Chloropyridin-3-yl)sulfony...	275	C10H14ClN3O2S	064614-53-5	64
5	Piperazine, 1-(4-acetylphenylsul...	282	C13H18N2O3S	309271-25-8	64





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BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

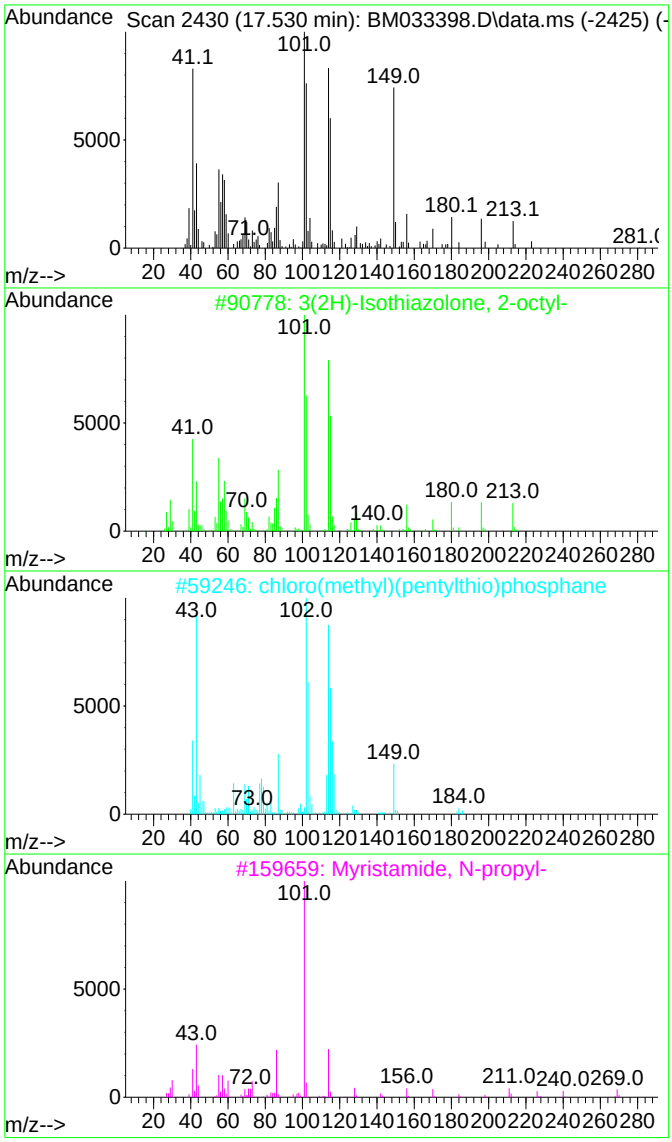
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

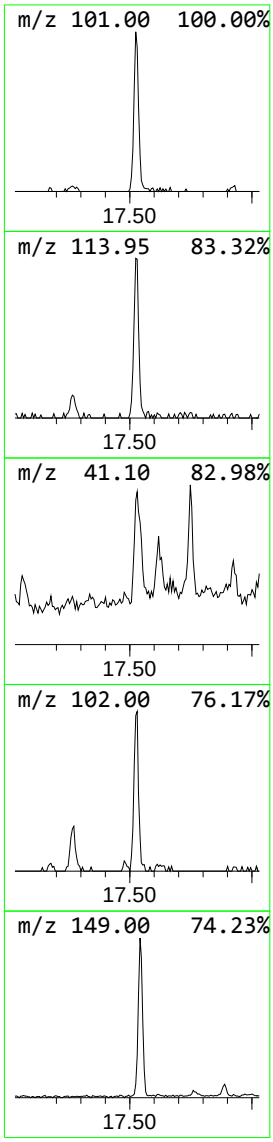
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 3(2H)-Isothiazolone, 2-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.530	5.90 ng	208146	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Isothiazolone, 2-octyl-	213	C11H19NOS	026530-20-1	99
2	chloro(methyl)(pentylthio)phosphane	184	C6H14ClPS	1000456-53-1	43
3	Myristamide, N-propyl-	269	C17H35NO	1000408-01-9	14
4	2-Methyl-2-carboxytetrahydrothia...	147	C5H9NO2S	013084-13-4	11
5	3-(Diisopropylamino)-1,2-propane...	175	C9H21NO2	085721-30-8	11





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

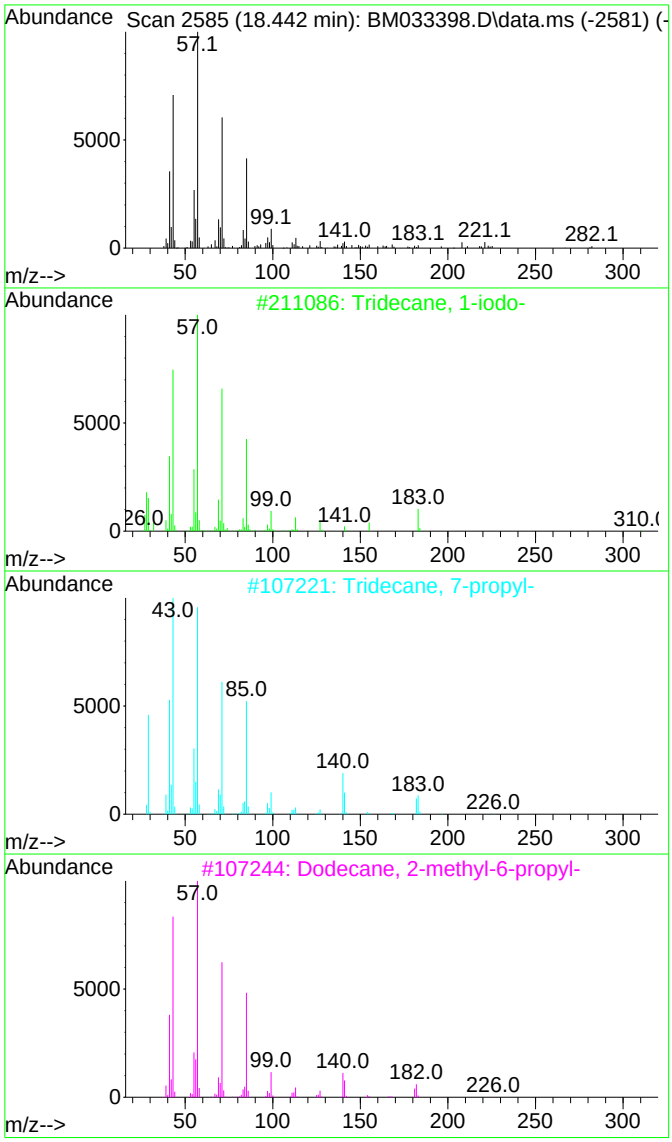
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

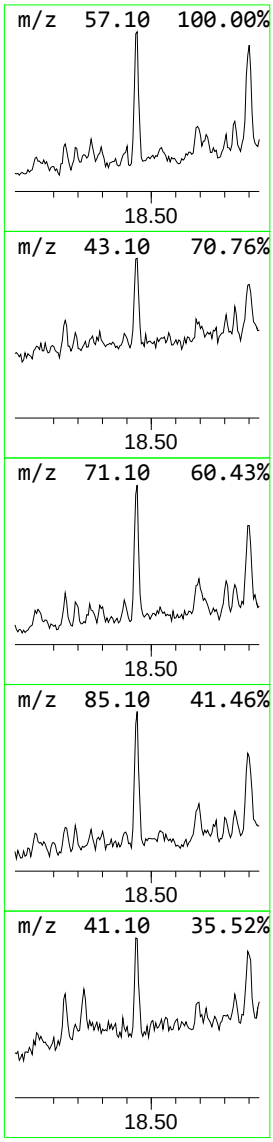
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.442	3.77 ng	133120	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

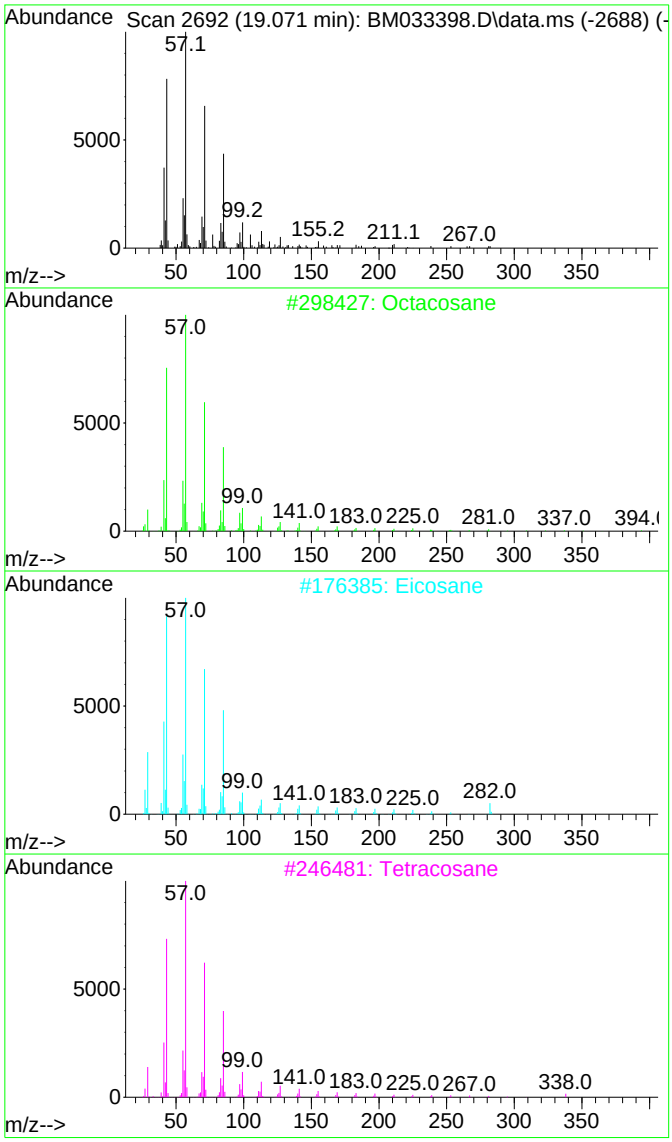
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

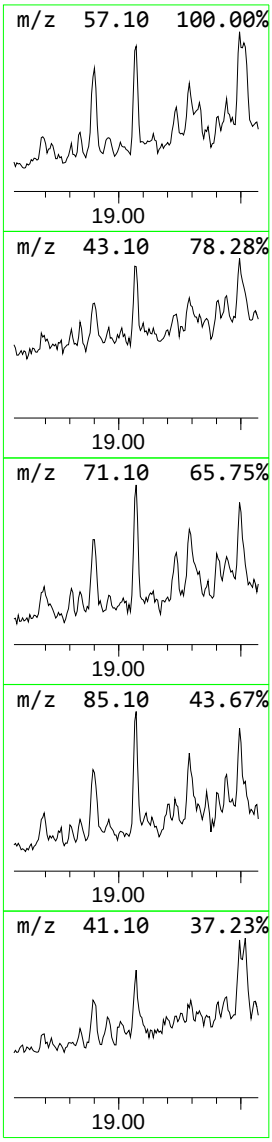
****

Peak Number 13 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.071	4.09 ng	144289	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91





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Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

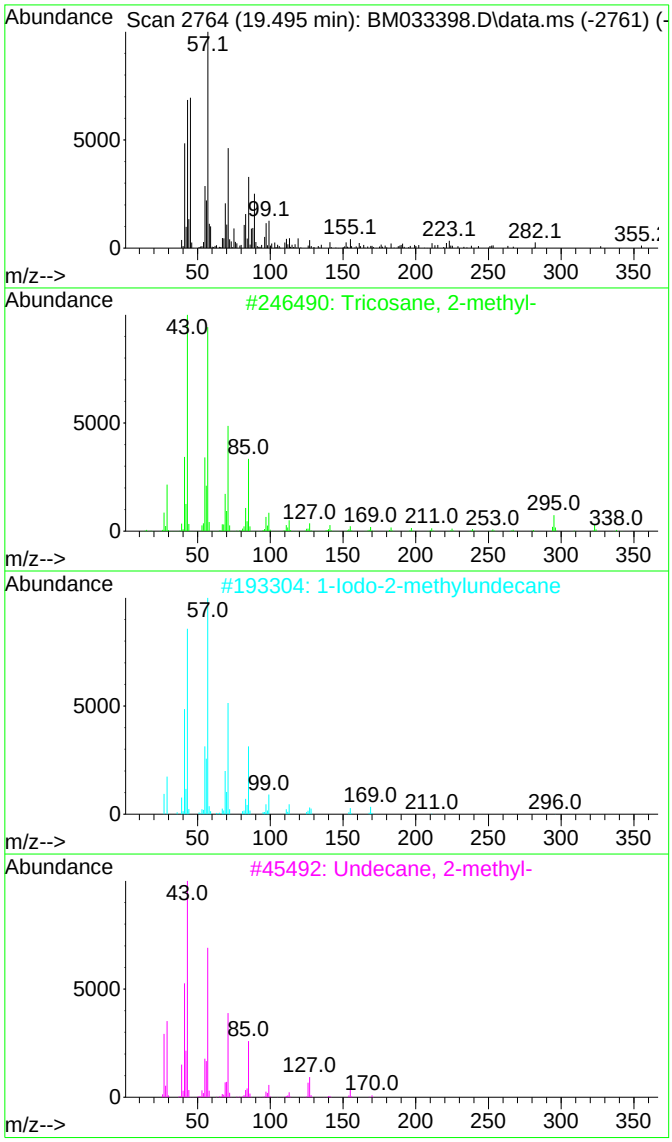
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

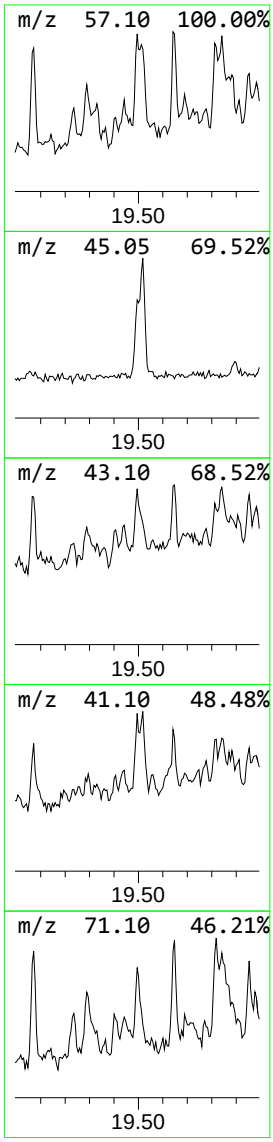
****

Peak Number 14 unknown19.495 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.495	3.60 ng	128808	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	49
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	49
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	46
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	43
5	Octacosane	394	C28H58	000630-02-4	43





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Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RED-WALL-CONCRETE-COMP

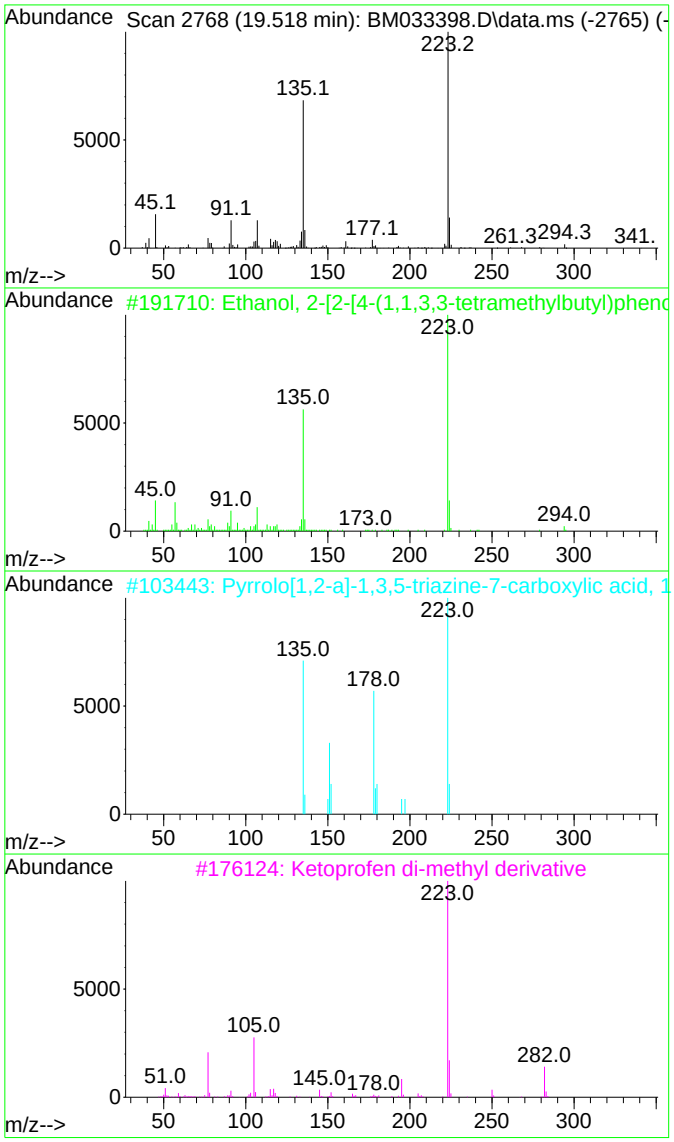
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

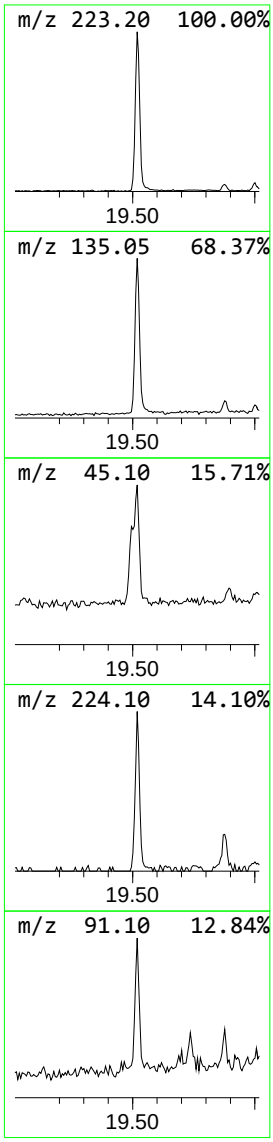
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.518	8.42 ng	301012	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	94
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	86
3	Ketoprofen di-methyl derivative	282	C18H18O3	1000137-08-9	43
4	N,N-Dimethyl-bis(trifluoromethyl...	223	C6H7F6NO	013264-27-2	43
5	Benzenamine, 3-(5-methyl-1H-1,3-...	223	C14H13N3	1000319-43-9	43





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Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

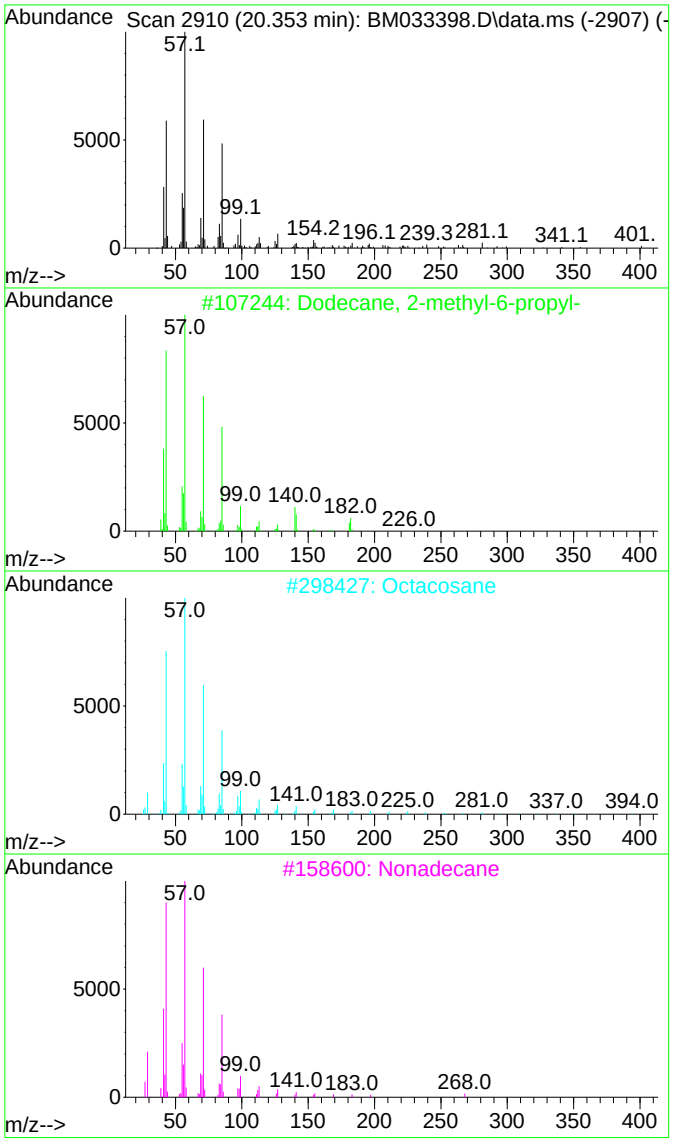
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

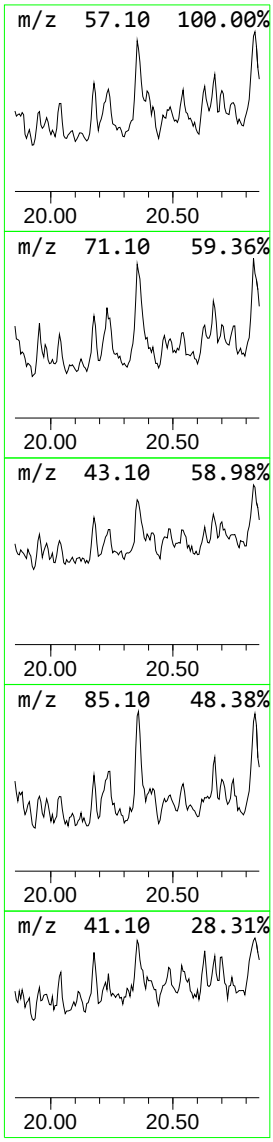
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.353	4.66 ng	166830	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
2	Octacosane	394	C28H58	000630-02-4	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Eicosane	282	C20H42	000112-95-8	80





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RED-WALL-CONCRETE-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

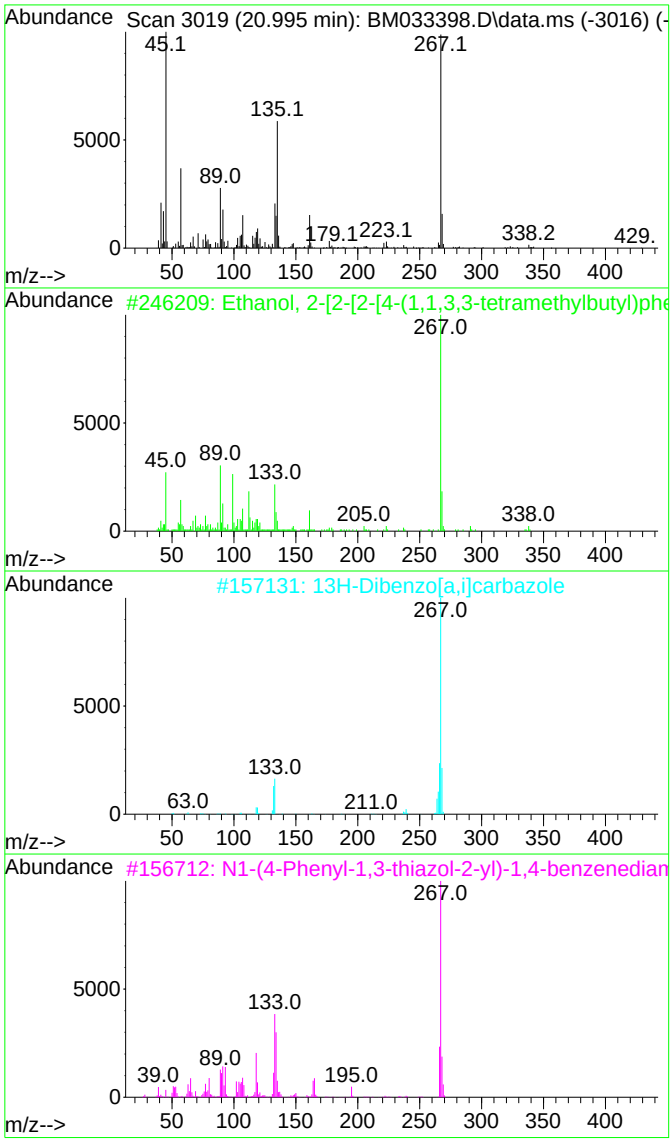
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

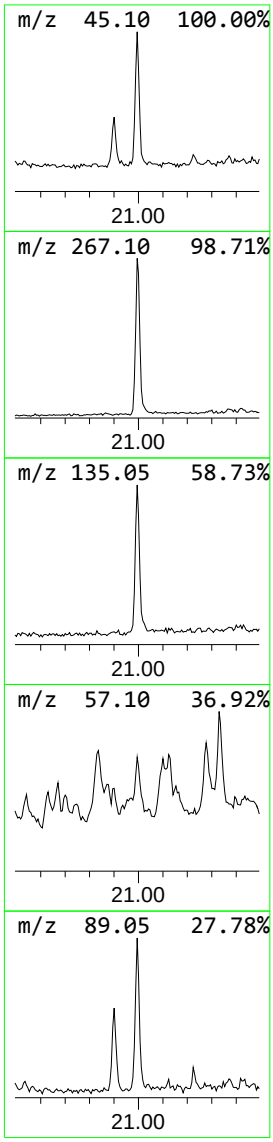
****

Peak Number 17 unknown20.995 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.995	12.89 ng	461121	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	42
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	35
3	N1-(4-Phenyl-1,3-thiazol-2-yl)-1...	267	C15H13N3S	001619-40-5	32
4	Benzo(a)pyren-6-amine	267	C20H13N	007428-83-3	30
5	1-Phenyl-3-(4-nitrophenyl)-2-pyr...	267	C15H13N3O2	003314-41-8	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033398.D
Acq On : 10 Dec 2021 17:25
Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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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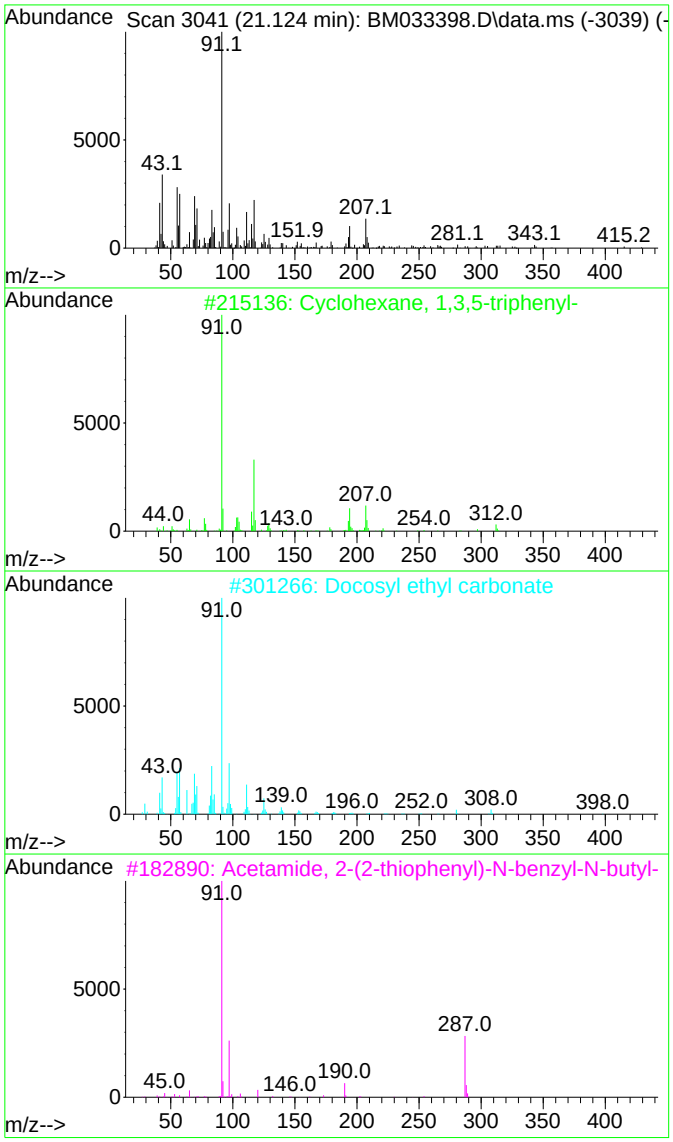
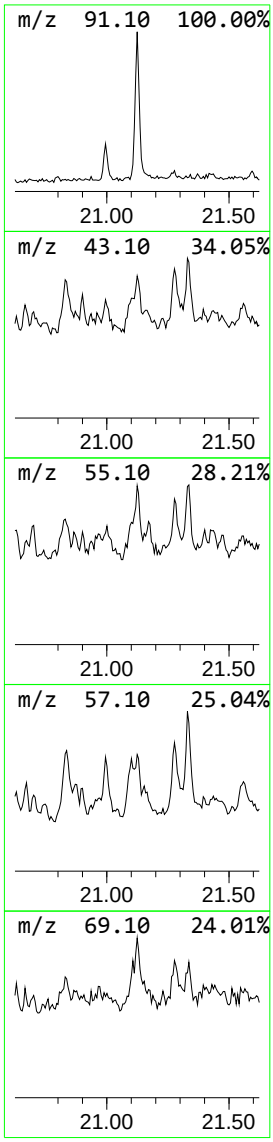
Peak Number 18 unknown21.124 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.124	5.29 ng	189312	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-triphenyl-	312	C24H24	028336-57-4	43
2	Docosyl ethyl carbonate	398	C25H50O3	1000373-79-2	38
3	Acetamide, 2-(2-thiophenyl)-N-be...	287	C17H21NOS	1000450-97-2	22
4	Acetamide, 2-(2-thiophenyl)-N-be...	357	C22H31NOS	1000450-98-0	22
5	DL-Phenylalanine, N-glycyl-	222	C11H14N2O3	000721-66-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033398.D
Acq On : 10 Dec 2021 17:25
Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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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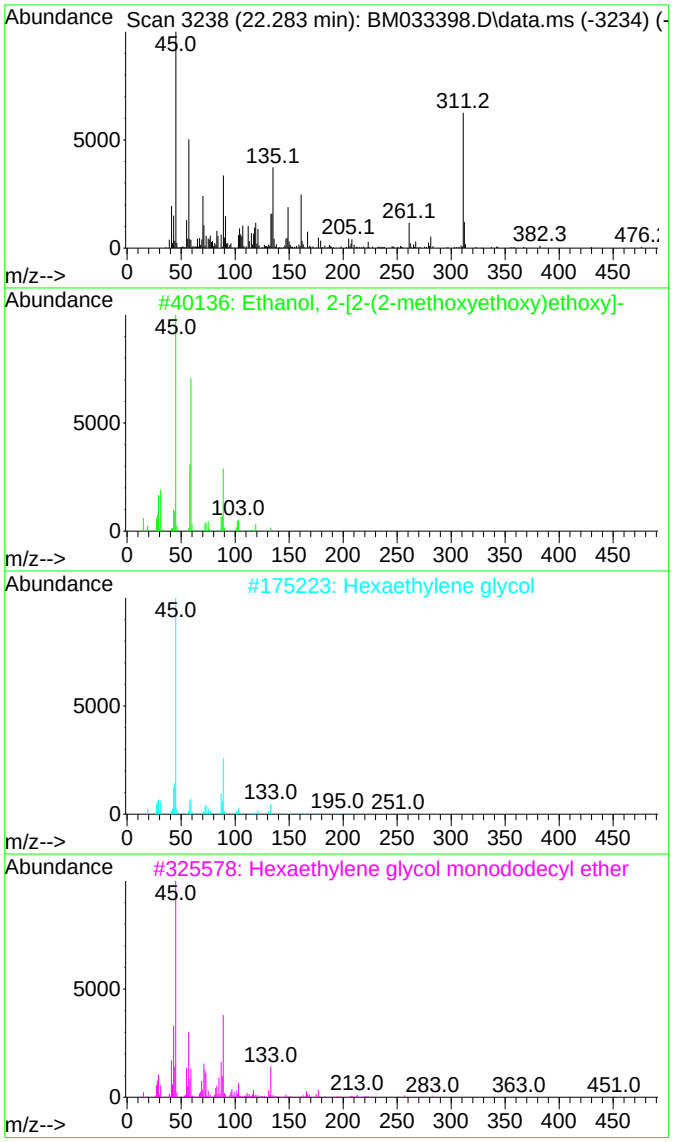
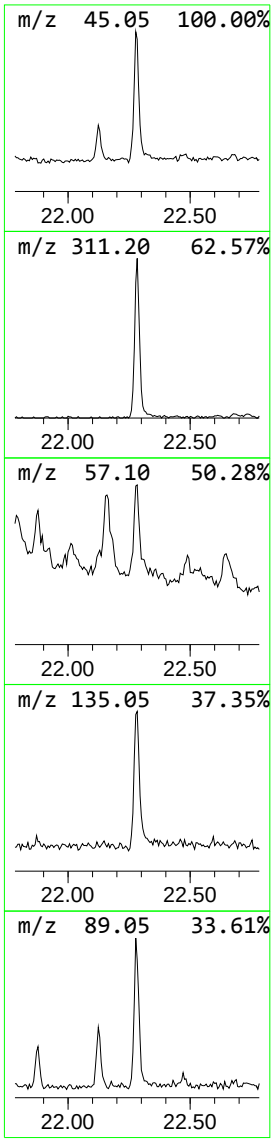
Peak Number 19 unknown22.283 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.283	12.22 ng	437207	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	35
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	35
3	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	25
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	25
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033398.D
Acq On : 10 Dec 2021 17:25
Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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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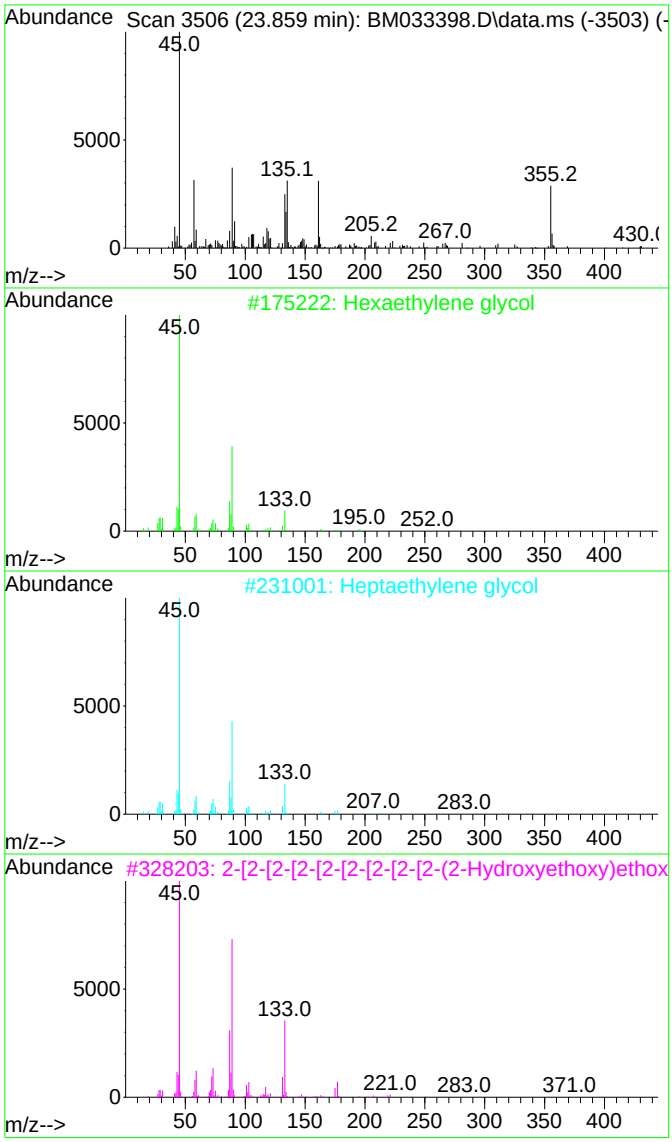
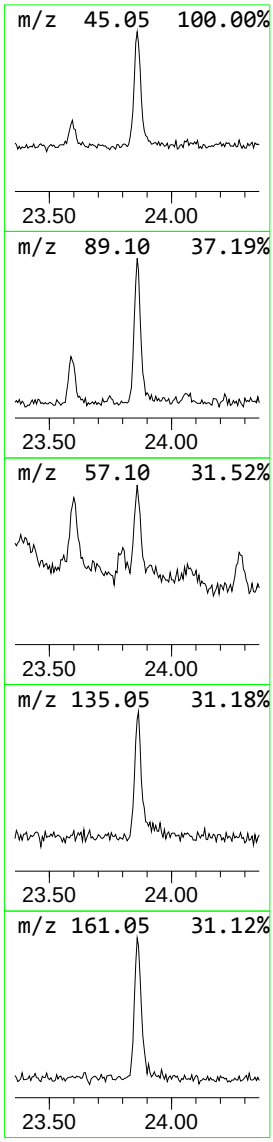
Peak Number 20 unknown23.859 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.859	6.83 ng	234156	Perylene-d12	23.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	32
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	32
3	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	005579-66-8	28
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	003386-18-3	23
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033398.D
Acq On : 10 Dec 2021 17:25
Operator : CG/JU
Sample : M4965-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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
Propylene Glycol	3.649	58.7	ng	1216680	1	7.901	414595	20.0
Benzene, 1,3-di...	5.548	5.1	ng	105111	1	7.901	414595	20.0
Ethanol, 2-butoxy-	5.990	12.8	ng	264919	1	7.901	414595	20.0
1-Isobutoxy-2-e...	7.960	5.9	ng	121714	1	7.901	414595	20.0
Neopentyl glycol	8.060	4.6	ng	95012	1	7.901	414595	20.0
1,3-Pentanediol...	9.995	6.2	ng	157566	2	10.695	507356	20.0
Ethanol, 2-phen...	11.060	76.1	ng	1929600	2	10.695	507356	20.0
2,2,4-Trimethyl...	12.883	5.6	ng	179898	3	14.530	644201	20.0
unknown14.636	14.636	11.8	ng	380389	3	14.530	644201	20.0
Pyrrol-2(5H)-on...	15.254	3.7	ng	119754	3	14.530	644201	20.0
3(2H)-Isothiazo...	17.530	5.9	ng	208146	4	17.265	706130	20.0
Tridecane, 1-iodo-	18.442	3.8	ng	133120	4	17.265	706130	20.0
Octacosane	19.071	4.1	ng	144289	4	17.265	706130	20.0
unknown19.495	19.495	3.6	ng	128808	5	21.430	715277	20.0
Ethanol, 2-[2-[...	19.518	8.4	ng	301012	5	21.430	715277	20.0
Dodecane, 2-met...	20.353	4.7	ng	166830	5	21.430	715277	20.0
unknown20.995	20.995	12.9	ng	461121	5	21.430	715277	20.0
unknown21.124	21.124	5.3	ng	189312	5	21.430	715277	20.0
unknown22.283	22.283	12.2	ng	437207	5	21.430	715277	20.0
unknown23.859	23.859	6.8	ng	234156	6	23.747	686165	20.0