LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028560.D
Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.575	400	406	415	rBV	141490	219583	17.73%	1.276%
2	6.040	475	485	495	rBV	28940	44116	3.56%	0.256%
3	7.246	683	690	707	rBV	121860	215244	17.38%	1.251%
4	7.528	731	738	743	rBV	14662	22082	1.78%	0.128%
5	7.587	743	748	756	rVB	15209	25972	2.10%	0.151%
6	7.775	775	780	786	rBV	20399	31916	2.58%	0.185%
7	7.928	800	806	812	rBV	44756	81824	6.61%	0.476%
8	7.993	812	817	824	rVB	151323	230903	18.64%	1.342%
9	8.057	824	828	836	rBV2	10500	27326	2.21%	0.159%
10	8.222	850	856	861	rBV	27622	46691	3.77%	0.271%
11	8.281	861	866	867	rBV	24033	33604	2.71%	0.195%
12	8.740	939	944	955	rVB2	12576	26118	2.11%	0.152%
13	9.169	1010	1017	1023	rBV	85524	138413	11.17%	0.804%
14	9.446	1059	1064	1069	rBV2	13787	21667	1.75%	0.126%
15	9.640	1089	1097	1104	rBV3	15923	27704	2.24%	0.161%
16	9.716	1104	1110	1117	rVV	31148	50390	4.07%	0.293%
17	10.187	1182	1190	1192	rBV4	11832	20468	1.65%	0.119%
18	10.222	1192	1196	1203	rVB	28134	45431	3.67%	0.264%
19	10.322	1206	1213	1227	rBV	142393	237586	19.18%	1.381%
20	10.810	1289	1296	1302	rBV	185060	298640	24.11%	1.736%
21	10.863	1302	1305	1309	rBV2	14594	22754	1.84%	0.132%
22	10.951	1316	1320	1322	rBV2	9573	15169	1.22%	0.088%
23	10.981	1322	1325	1336	rVB	11846	20748	1.67%	0.121%
24	11.169	1350	1357	1365	rBV4	26228	58354	4.71%	0.339%
25	11.245	1365	1370	1380	rVB2	29258	51501	4.16%	0.299%
26	11.651	1432	1439	1444	rBV	32897	58885	4.75%	0.342%
27	11.828	1462	1469	1480	rBV	98004	167135	13.49%	0.971%
28	12.169	1522	1527	1532	rBV	17922	25990	2.10%	0.151%
29	12.292	1541	1548	1553	rBV2	10534	17802	1.44%	0.103%
30	12.369	1554	1561	1566	rVV4	10931	22842	1.84%	0.133%
31	12.428	1566	1571	1576	rVV2	11103	19325	1.56%	0.112%
32	12.575	1588	1596	1598	rBV2	11575	18510	1.49%	0.108%
33	12.598	1598	1600	1604	rVV	12280	14753	1.19%	0.086%
34	12.651	1604	1609	1619	rVB2	33472	55643	4.49%	0.323%
35	12.863	1640	1645	1653	rVB	31062	47147	3.81%	0.274%
36	12.945	1653	1659	1664	rBV2	38123	65518	5.29%	0.381%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
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Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.004	1664	1669	1674	rVB	15254	21684	1.75%	0.126%
38	13.145	1688	1693	1705	rVV	75568	124072	10.02%	0.721%
39	13.257	1706	1712	1722	rVB	208016	295931	23.89%	1.720%
40	13.598	1764	1770	1781	rVV	318821	449173	36.26%	2.611%
41	13.745	1790	1795	1798	rBV2	14917	24481	1.98%	0.142%
42	13.822	1805	1808	1814	rVB2	20269	33009	2.66%	0.192%
43	13.887	1814	1819	1827	rVB2	14606	25586	2.07%	0.149%
44	13.969	1827	1833	1837	rBV3	12257	19438	1.57%	0.113%
45	14.016	1837	1841	1847	rVB	27717	39546	3.19%	0.230%
46	14.275	1879	1885	1895	rBV	200688	329783	26.62%	1.917%
47	14.545	1923	1931	1934	rBV2	22890	37063	2.99%	0.215%
48	14.592	1935	1939	1941	rVV	14372	22818	1.84%	0.133%
49	14.639	1941	1947	1950	rVV	241951	365250	29.49%	2.123%
50	14.675	1950	1953	1962	rVV	185170	253593	20.47%	1.474%
51	14.781	1966	1971	1974	rVV2	14608	24477	1.98%	0.142%
52	14.834	1974	1980	1985	rVV3	22646	65337	5.27%	0.380%
53	14.881	1985	1988	1992	rVV2	20180	33551	2.71%	0.195%
54	14.922	1992	1995	2003	rVB4	10201	18453	1.49%	0.107%
55	15.033	2011	2014	2018	rBV	15436	16729	1.35%	0.097%
56	15.269	2047	2054	2061	rBV	237609	407093	32.86%	2.366%
57	15.333	2062	2065	2069	rVB2	16968	24226	1.96%	0.141%
58	15.504	2088	2094	2100	rVB4	17975	34182	2.76%	0.199%
59	15.628	2110	2115	2120	rBV	112666	161724	13.06%	0.940%
60	15.681	2120	2124	2132	rVV	59076	79975	6.46%	0.465%
61	16.128	2192	2200	2214	rBV3	125774	258718	20.89%	1.504%
62	16.257	2216	2222	2231	rVV	521885	736591	59.46%	4.281%
63	16.339	2232	2236	2241	rVV2	29967	50753	4.10%	0.295%
64	16.522	2260	2267	2275	rBV	49349	81638	6.59%	0.474%
65	16.851	2312	2323	2329	rBV	96259	356723	28.80%	2.073%
66	17.063	2354	2359	2366	rBV	309680	429523	34.67%	2.496%
67	17.169	2374	2377	2385	rVB2	25077	38040	3.07%	0.221%
68	17.298	2396	2399	2405	rVB2	31468	40894	3.30%	0.238%
69	17.369	2405	2411	2416	rBV	247398	339388	27.40%	1.973%
70	17.539	2436	2440	2443	rBV2	18024	23844	1.92%	0.139%
71	17.657	2449	2460	2463	rBV5	40959	131409	10.61%	0.764%
72	17.822	2483	2488	2505	rVB2	217163	400602	32.34%	2.328%
73	18.192	2547	2551	2554	rVB2	19352	24975	2.02%	0.145%
74	18.257	2558	2562	2568	rVV3	18879	35368	2.86%	0.206%
75	18.322	2568	2573	2592	rVV	674091	990859	79.99%	5.759%
76	18.516	2602	2606	2613	rBV	65101	101750	8.21%	0.591%

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Acq On : 27 Jan 2021 02:49
Operator : CG/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : 1723-1724

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.751	2644	2646	2653	rBV4	10658	21962	1.77%	0.128%
78	18.821	2654	2658	2664	rVB	29707	43764	3.53%	0.254%
79	18.980	2680	2685	2697	rBV	441105	710274	57.34%	4.128%
80	19.145	2710	2713	2719	rBV2	48293	82692	6.68%	0.481%
81	19.580	2782	2787	2792	rBV	359058	481112	38.84%	2.796%
82	19.974	2847	2854	2860	rBV2	752302	1238755	100.00%	7.200%
83	20.110	2874	2877	2882	rBV	73809	113276	9.14%	0.658%
84	20.492	2937	2942	2949	rBV	499274	674172	54.42%	3.918%
85	20.968	3020	3023	3028	rBV	336973	421264	34.01%	2.448%
86	21.298	3075	3079	3084	rBV	628494	756203	61.05%	4.395%
87	21.498	3110	3113	3123	rVB	305723	377590	30.48%	2.195%
88	21.727	3148	3152	3157	rBV	466499	588430	47.50%	3.420%
89	22.180	3225	3229	3245	rVB	273108	461070	37.22%	2.680%
90	22.521	3283	3287	3301	rVB	399449	635728	51.32%	3.695%
91	23.033	3370	3374	3382	rBV	255528	416144	33.59%	2.419%
92	23.774	3496	3500	3507	rVB2	194952	347228	28.03%	2.018%
93	24.074	3547	3551	3565	rVB	162528	360283	29.08%	2.094%

Sum of corrected areas: 17205950

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Sample : M1217-17 5X
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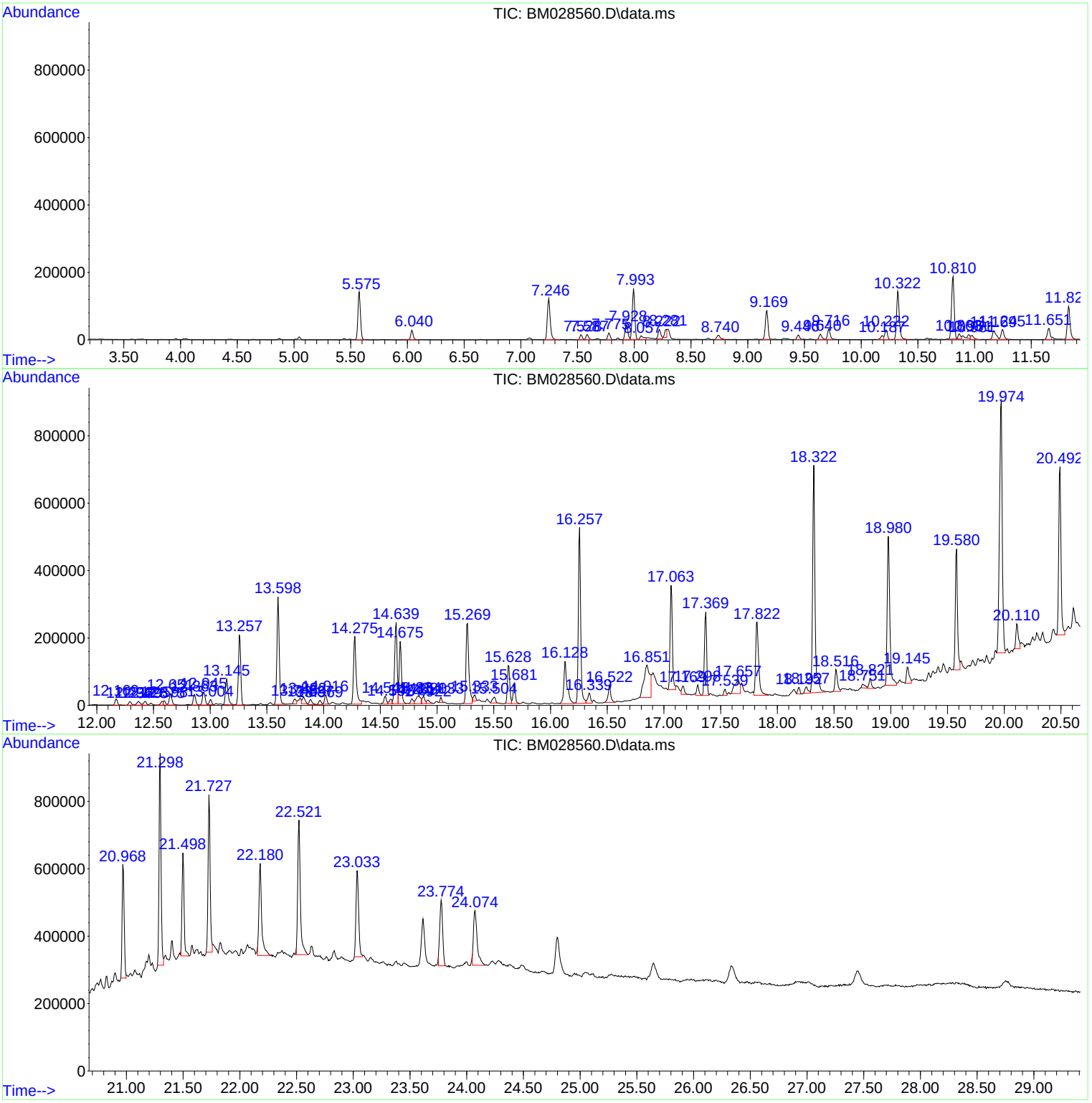
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1723-1724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028560.D
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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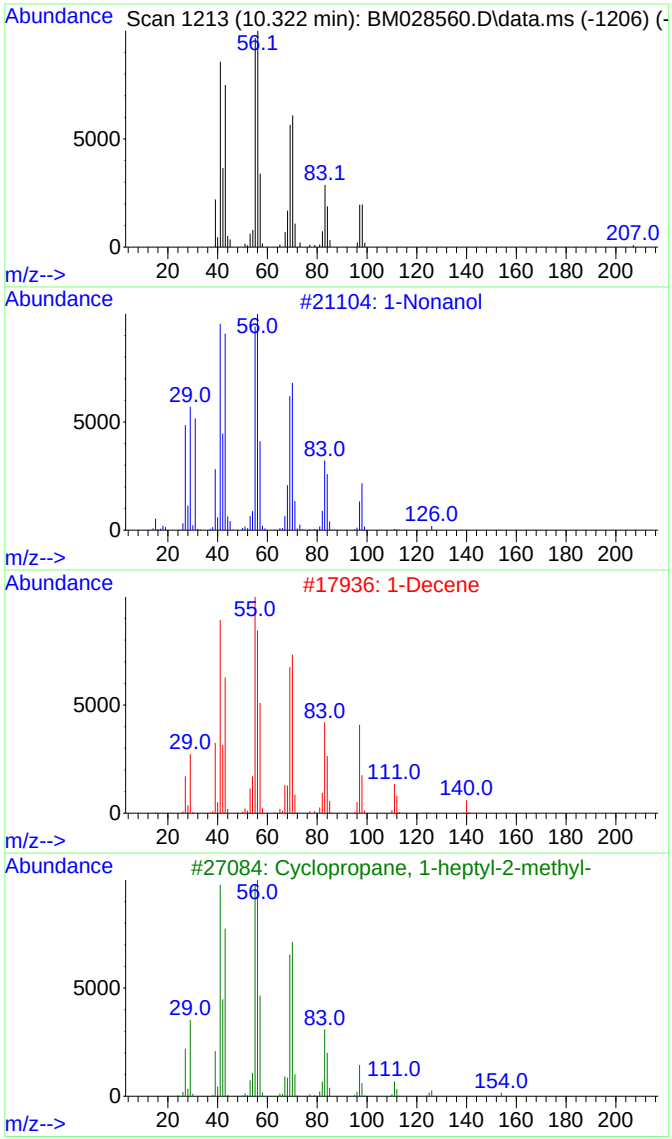
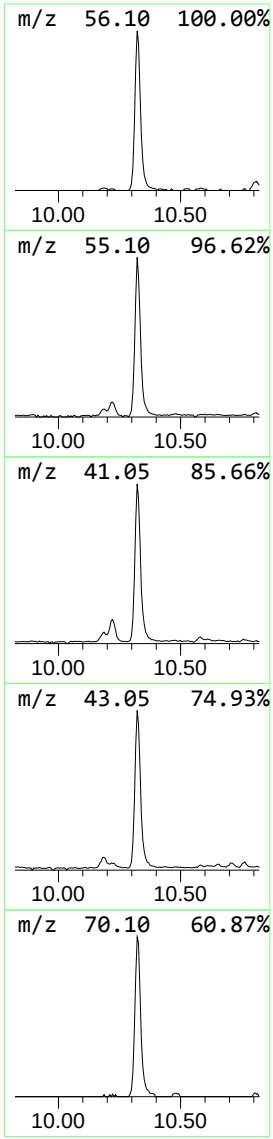
Peak Number 1 1-Nonanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	15.91 ng	237586	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	1-Decene	140	C10H20	000872-05-9	86
3	Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	86
4	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	78
5	Isopropylcyclobutane	98	C7H14	000872-56-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028560.D
Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1723-1724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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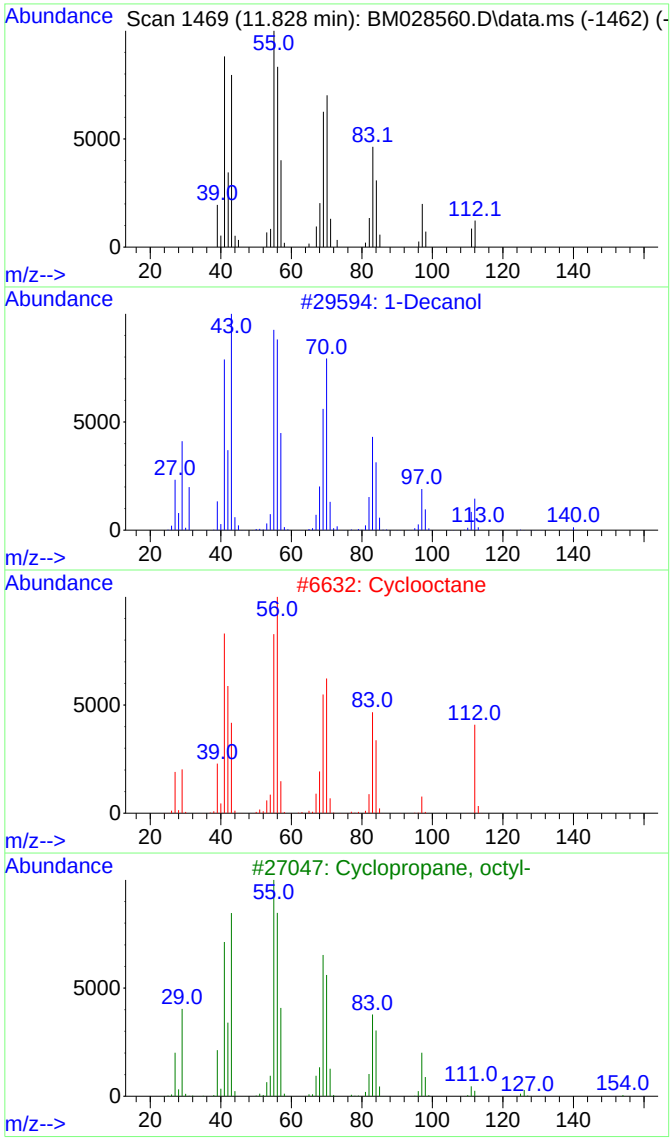
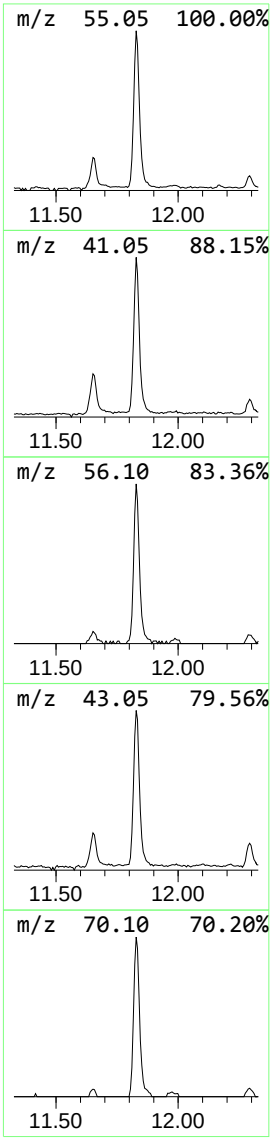
Peak Number 2 1-Decanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	11.19 ng	167135	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol	158	C10H22O	000112-30-1	91
2	Cyclooctane	112	C8H16	000292-64-8	86
3	Cyclopropane, octyl-	154	C11H22	001472-09-9	86
4	Cycloheptane	98	C7H14	000291-64-5	74
5	1-Octanol	130	C8H18O	000111-87-5	72





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Instrument : BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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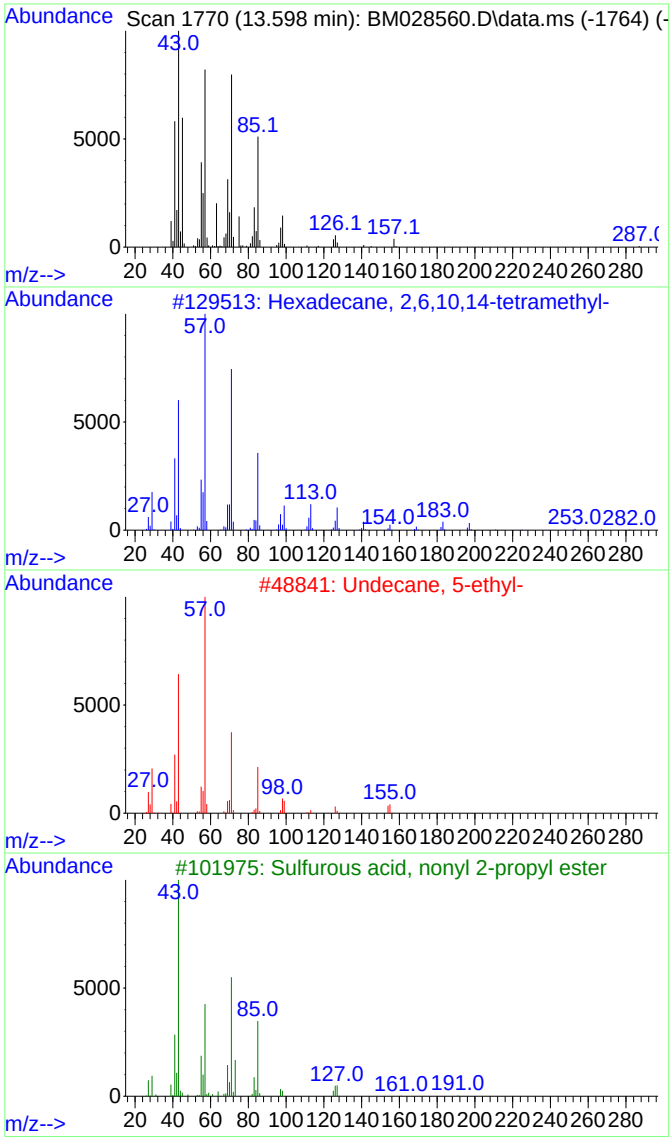
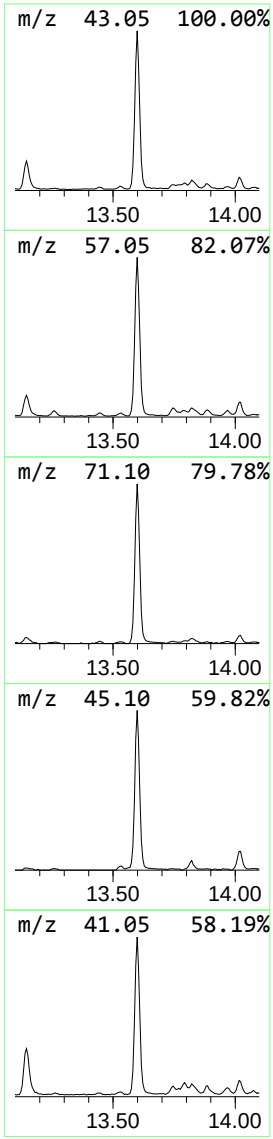
****
Peak Number 3 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.598	24.60 ng	449173	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
3	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	47
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5	2,3-Dimethyldecane	170	C12H26	017312-44-6	43





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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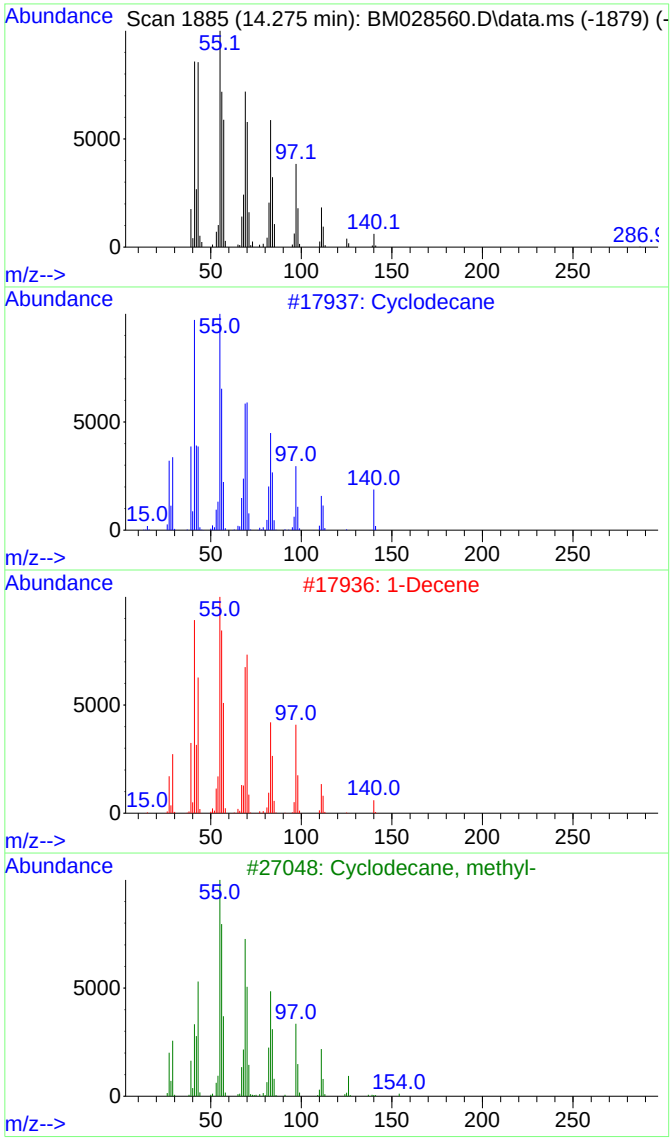
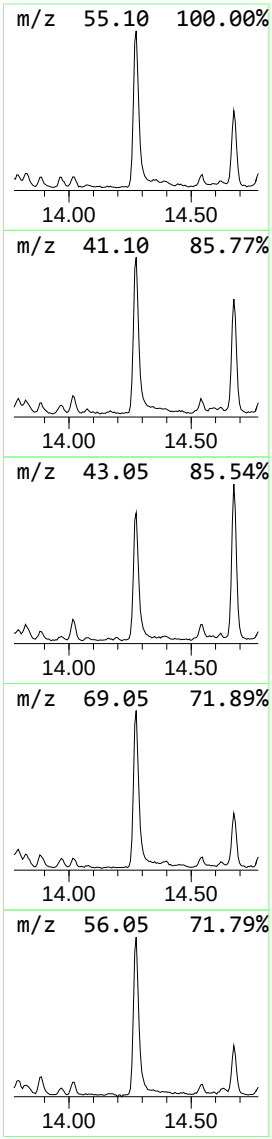
Peak Number 4 Cyclodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.275	18.06 ng	329783	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	95
2	1-Decene	140	C10H20	000872-05-9	93
3	Cyclodecane, methyl-	154	C11H22	013151-43-4	91
4	1-Undecanol	172	C11H24O	000112-42-5	90
5	1-Tridecene	182	C13H26	002437-56-1	90





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Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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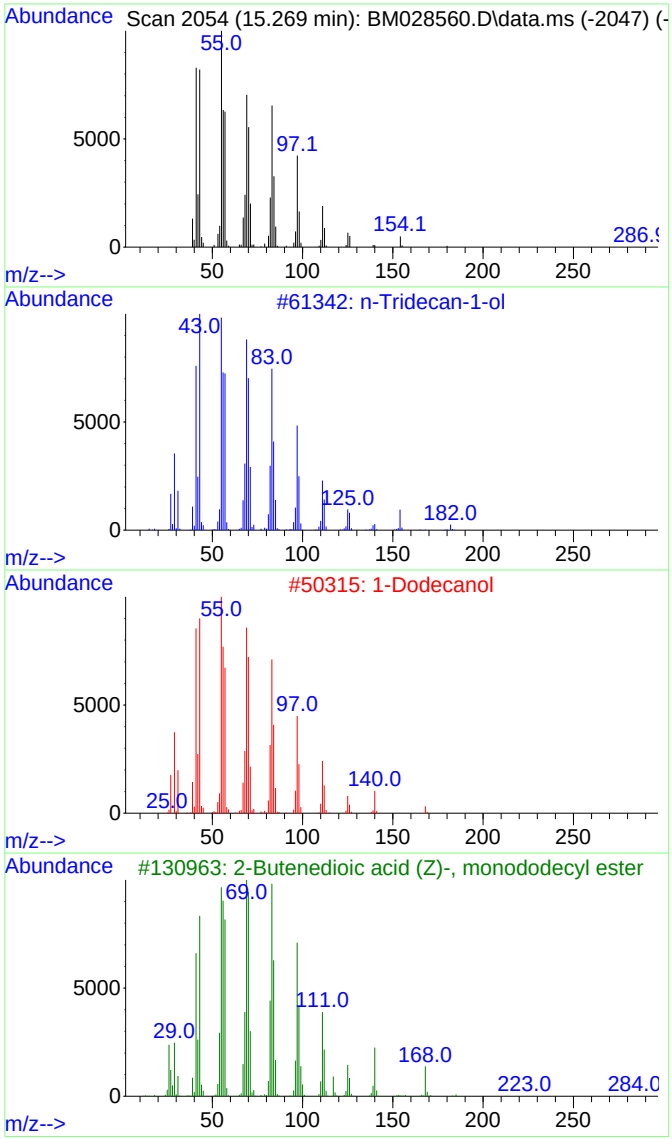
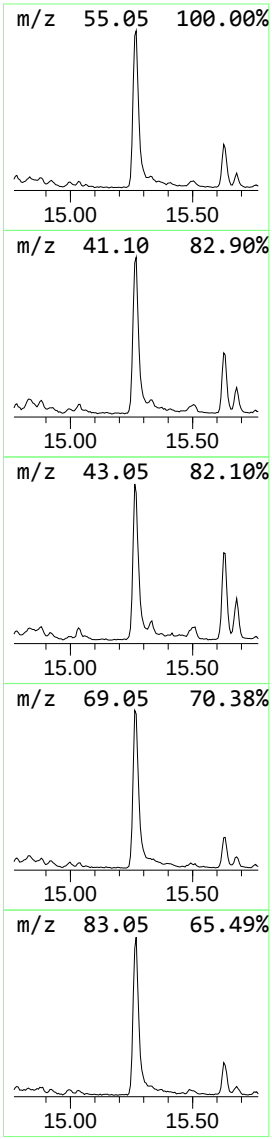
Peak Number 5 n-Tridecan-1-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.269	22.29 ng	407093	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
2	1-Dodecanol	186	C12H26O	000112-53-8	91
3	2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	91
4	1-Tetradecanol	214	C14H30O	000112-72-1	90
5	1-Undecanol	172	C11H24O	000112-42-5	87





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Data File : BM028560.D
Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1723-1724

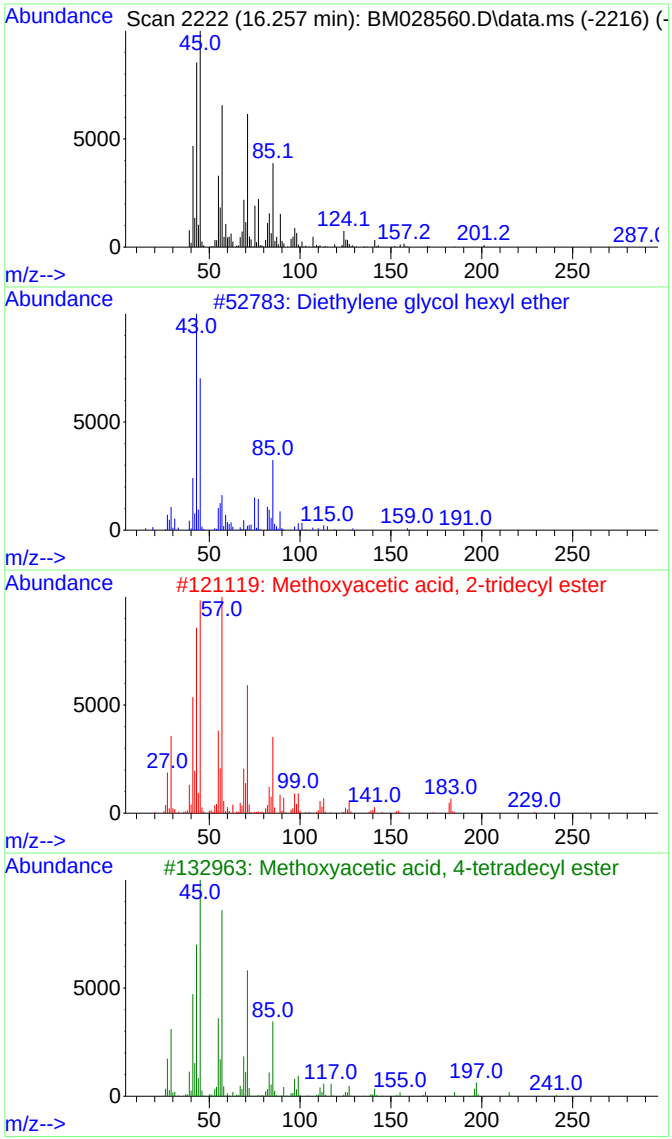
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

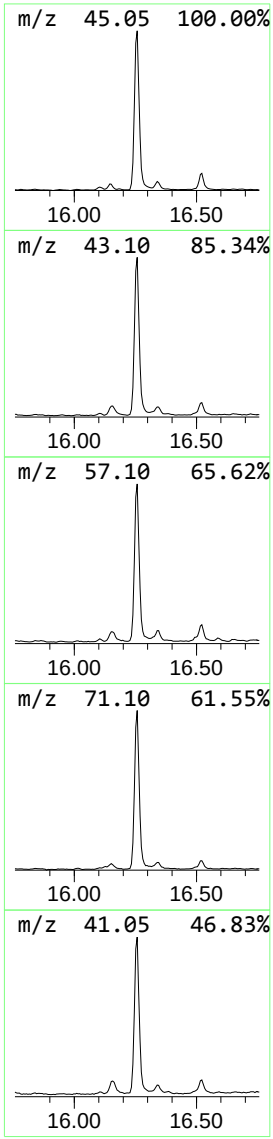
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Diethylene glycol hexyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.257	43.41 ng	736591	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol hexyl ether	190	C10H22O3	000112-59-4	64
2	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	53
3	Methoxyacetic acid, 4-tetradecyl...	286	C17H34O3	1000282-05-0	52
4	Methoxyacetic acid, 3-tridecyl e...	272	C16H32O3	1000282-04-6	38
5	3-Ethyl-3-methyl-2-pentanol	130	C8H18O	066576-22-5	38





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Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1723-1724

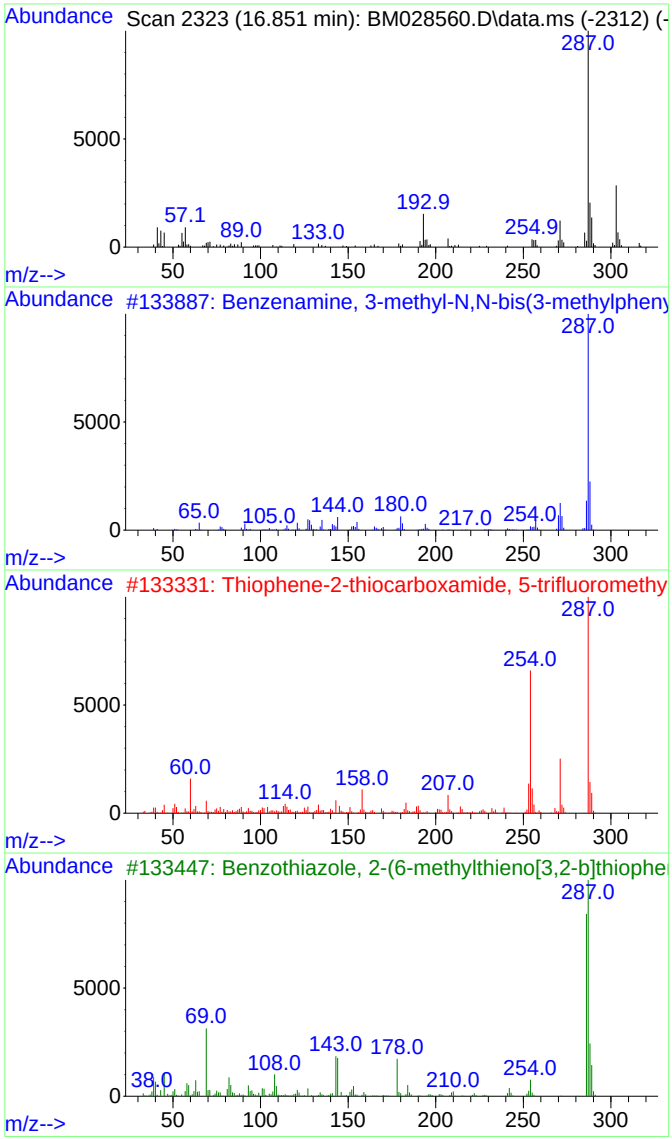
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

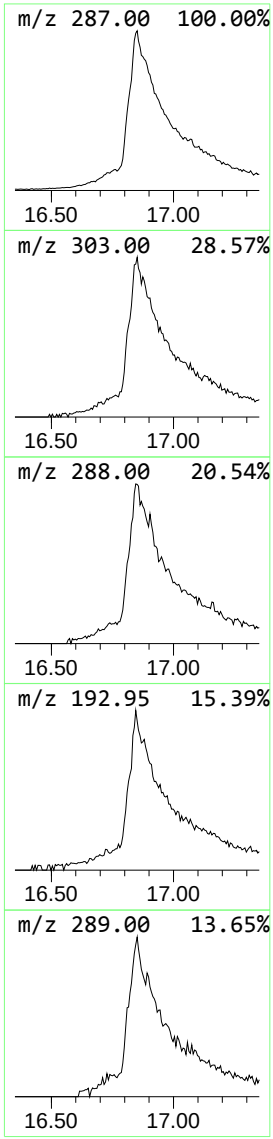
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzenamine, 3-methyl-N,N-b... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	21.02 ng	356723	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-N,N-bis(3-...	287	C21H21N	1000327-29-4	53
2	Thiophene-2-thiocarboxamide, 5-t...	287	C12H8F3NS2	256508-61-9	53
3	Benzothiazole, 2-(6-methylthieno...	287	C14H9NS3	1000276-71-2	50
4	3-Amino-4-(2-thienyl)thieno[2,3-...	287	C12H5N3S3	1000266-35-9	50
5	6-Trifluoromethyl-benzo[4,5]imid...	287	C15H8F3N3	1000317-89-2	47





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Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1723-1724

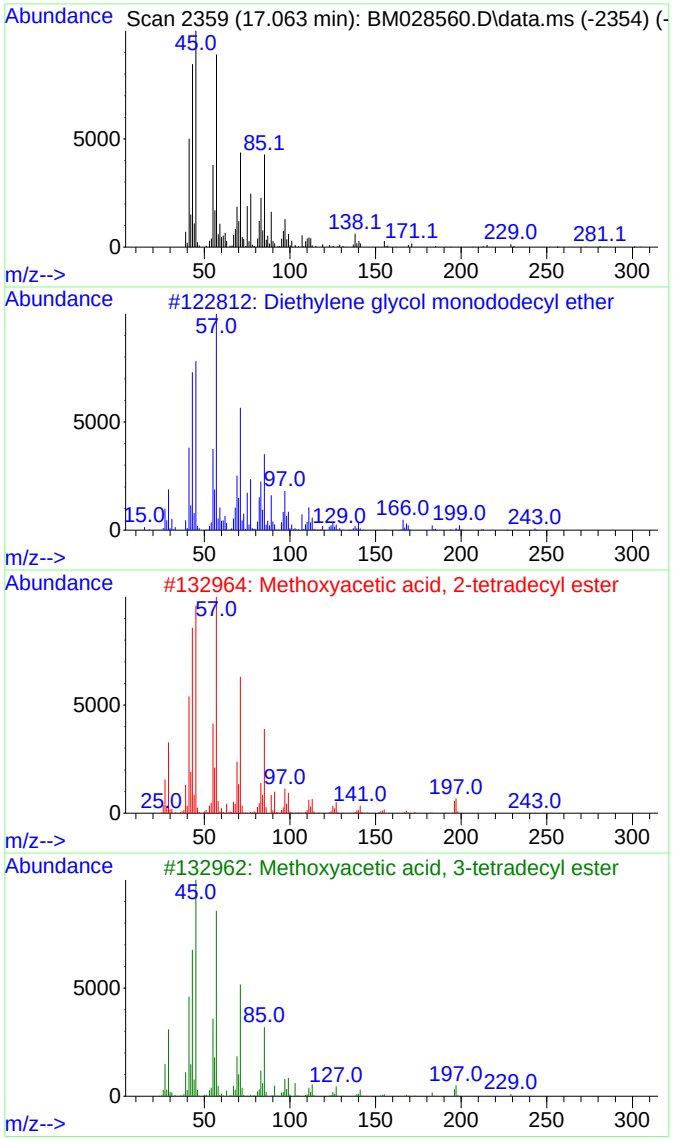
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

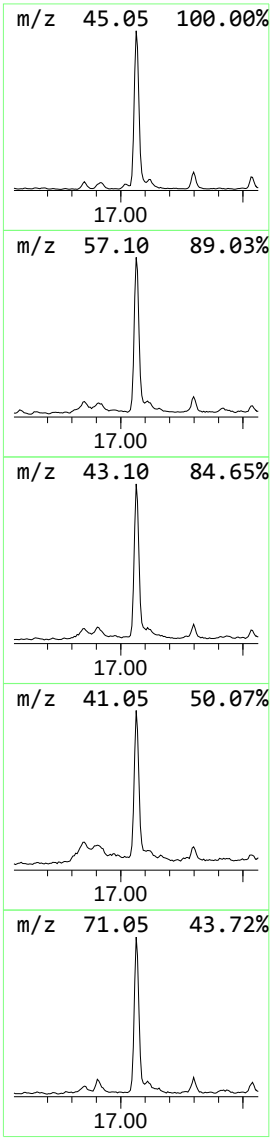
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Diethylene glycol monododec... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.063	25.31 ng	429523	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol monododecyl ether	274	C16H34O3	003055-93-4	64
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	53
3	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	50
4	Methoxyacetic acid, 3-tridecyl e...	272	C16H32O3	1000282-04-6	50
5	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	46





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Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1723-1724

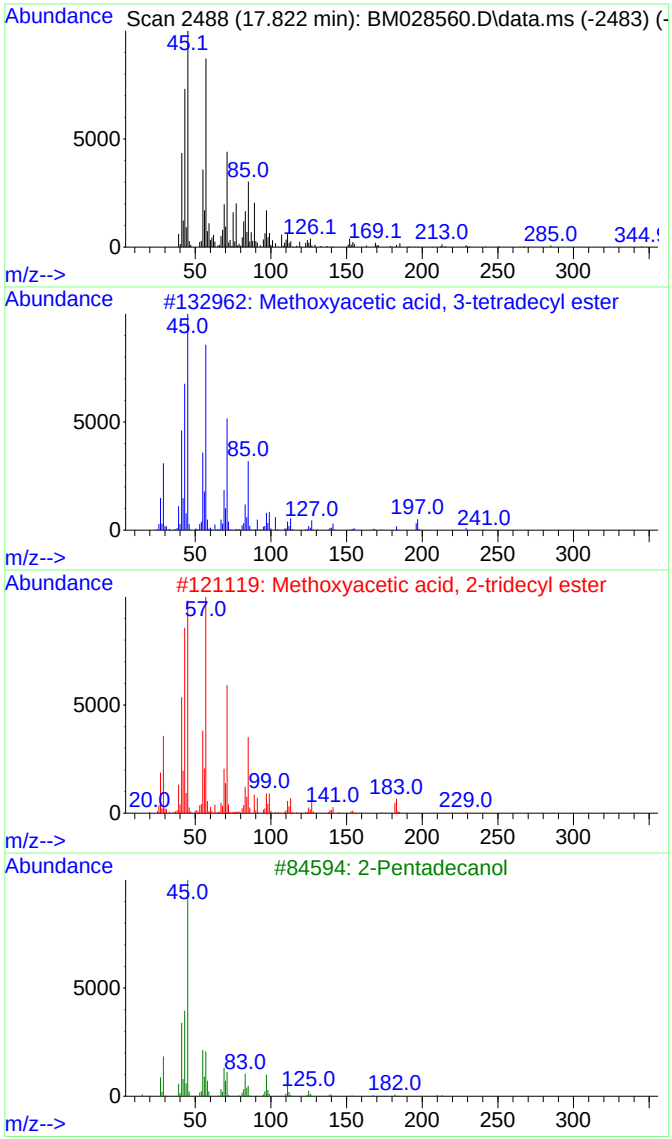
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

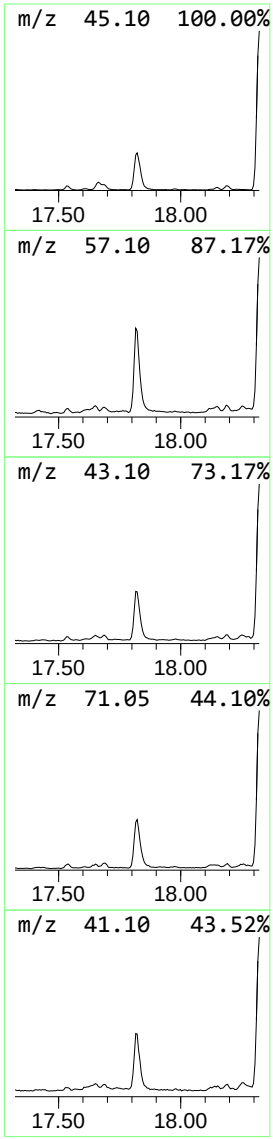
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Methoxyacetic acid, 3-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.822	23.61 ng	400602	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	58
2	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	46
3	2-Pentadecanol	228	C15H32O	001653-34-5	35
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	30
5	2-Dodecanol	186	C12H26O	010203-28-8	27





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Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

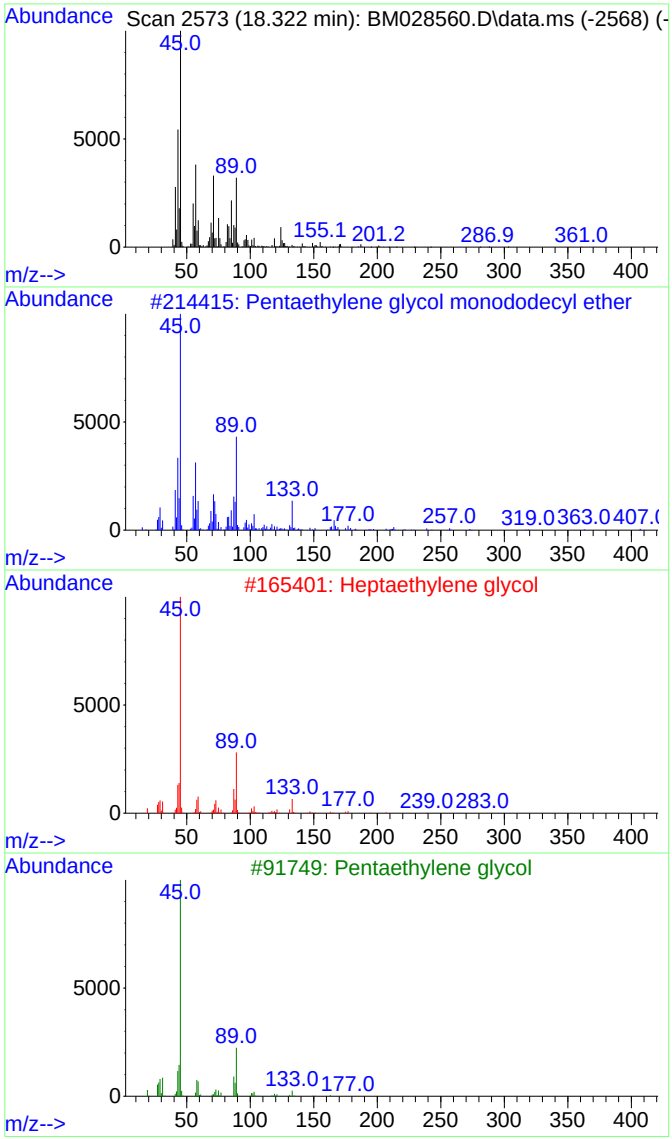
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

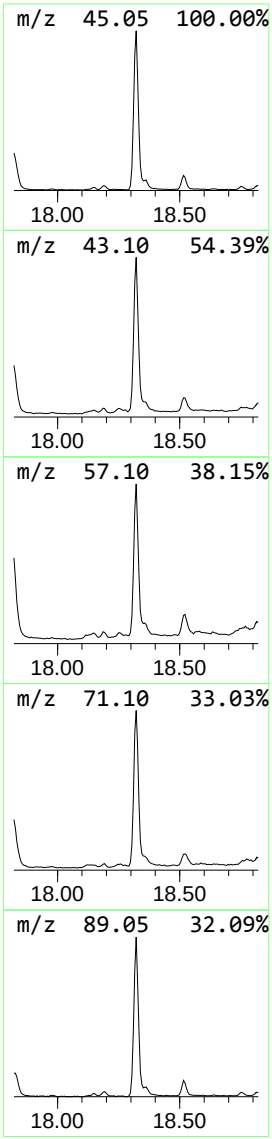
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentaethylene glycol monodo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	58.39 ng	990859	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	59
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	58
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	58
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
5	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	53





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Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

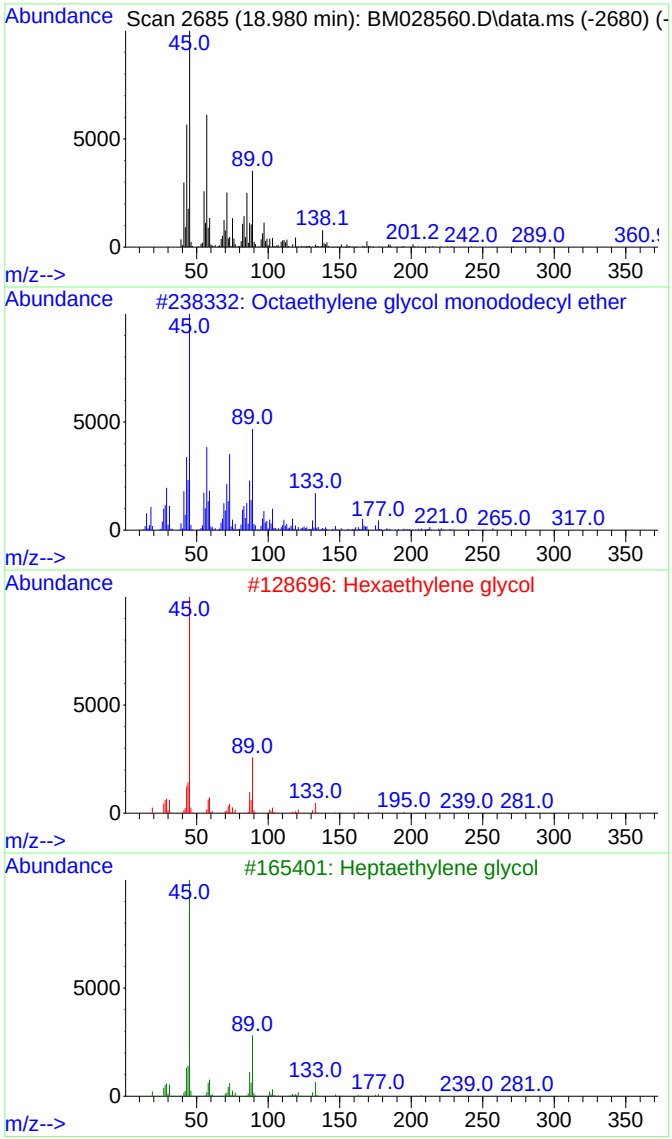
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

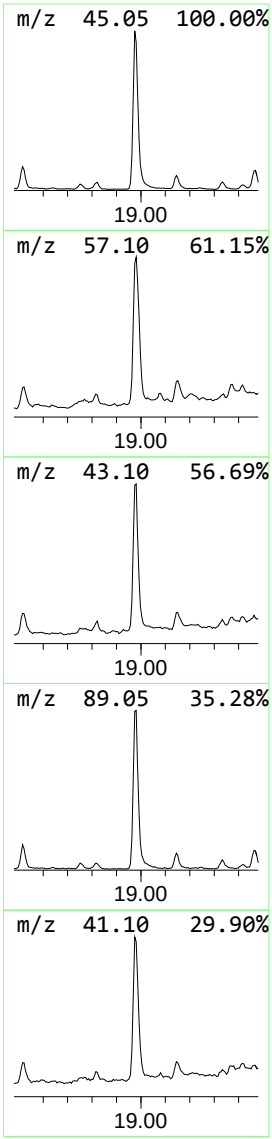
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Octaethylene glycol monodod... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.980	41.86 ng	710274	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octaethylene glycol monododecyl ...	538	C28H58O9	003055-98-9	59
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	58
4	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	58
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	53





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Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

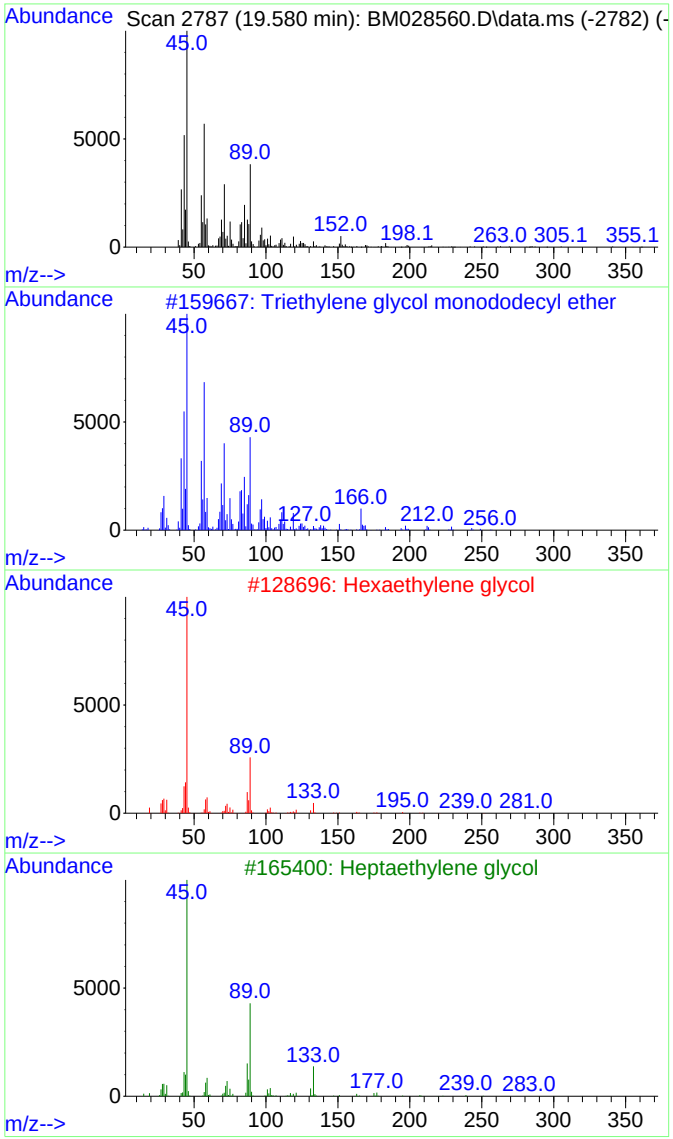
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

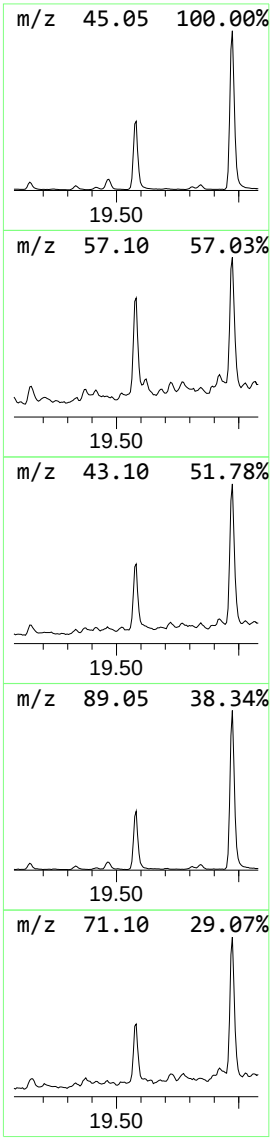
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Triethylene glycol monodode... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.580	25.48 ng	481112	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	87
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	58
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	53
5	Octaethylene glycol monododecyl ...	538	C28H58O9	003055-98-9	46





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Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

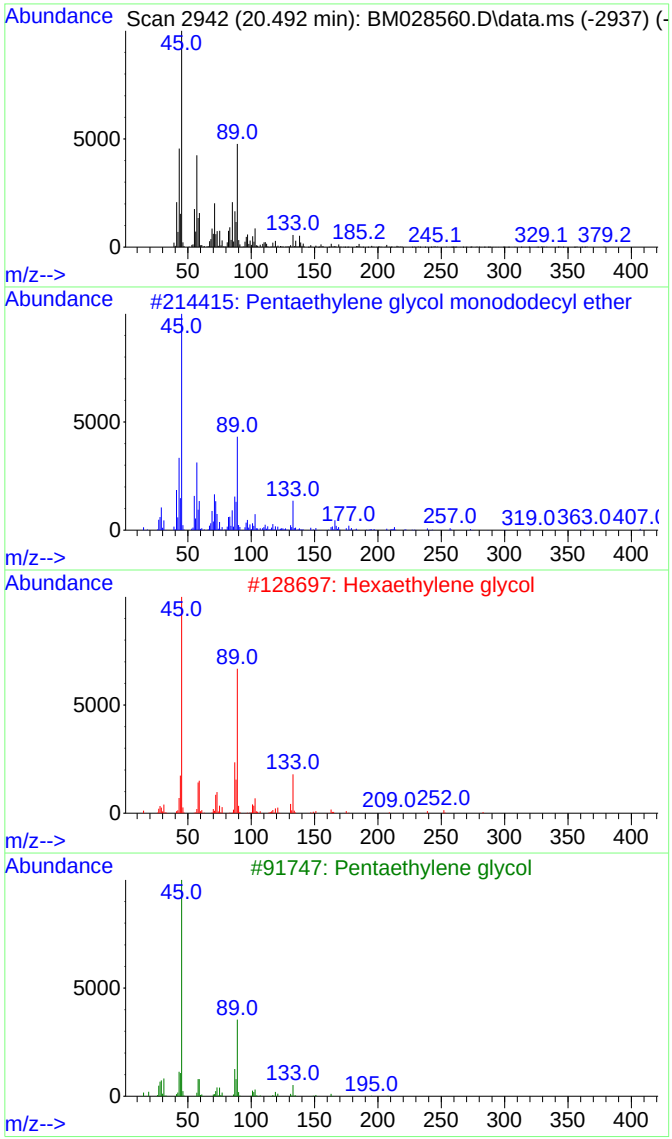
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

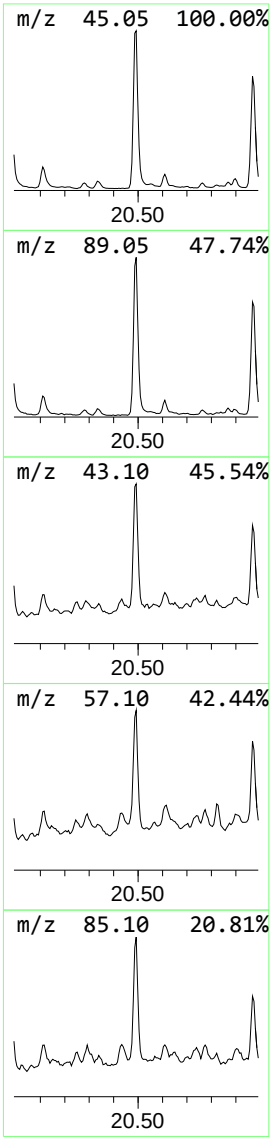
****

Peak Number 13 Hexaethylene glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.492	35.71 ng	674172	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	80
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	68
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	64
4	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	64
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	64





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Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1723-1724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

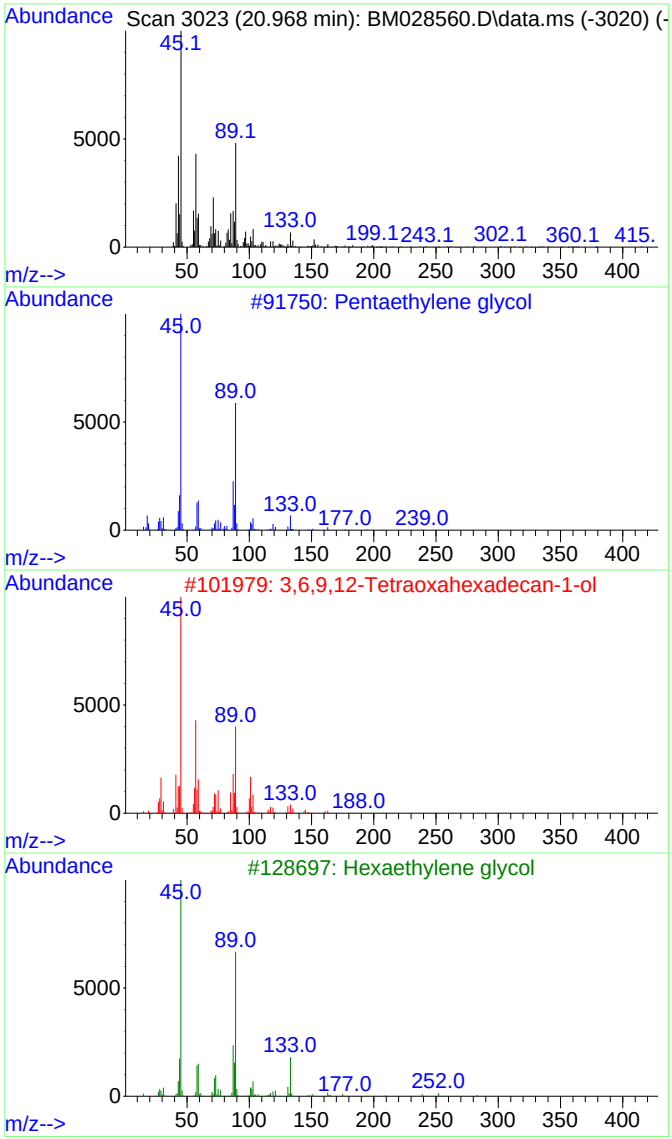
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

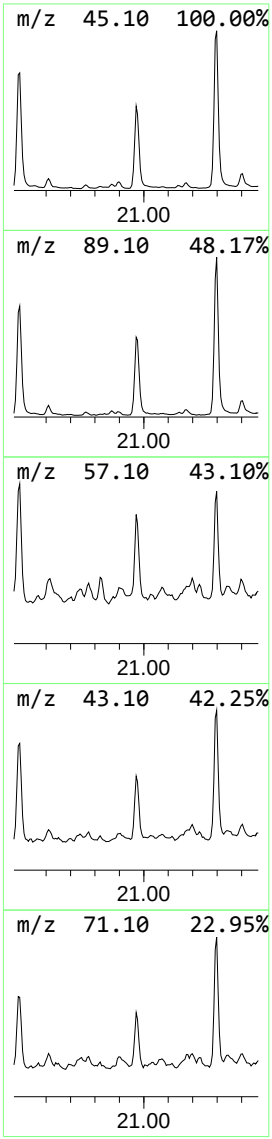
****

Peak Number 14 Pentaethylene glycol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.968	22.31 ng	421264	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	74
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	72
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	72
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	72
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	64





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Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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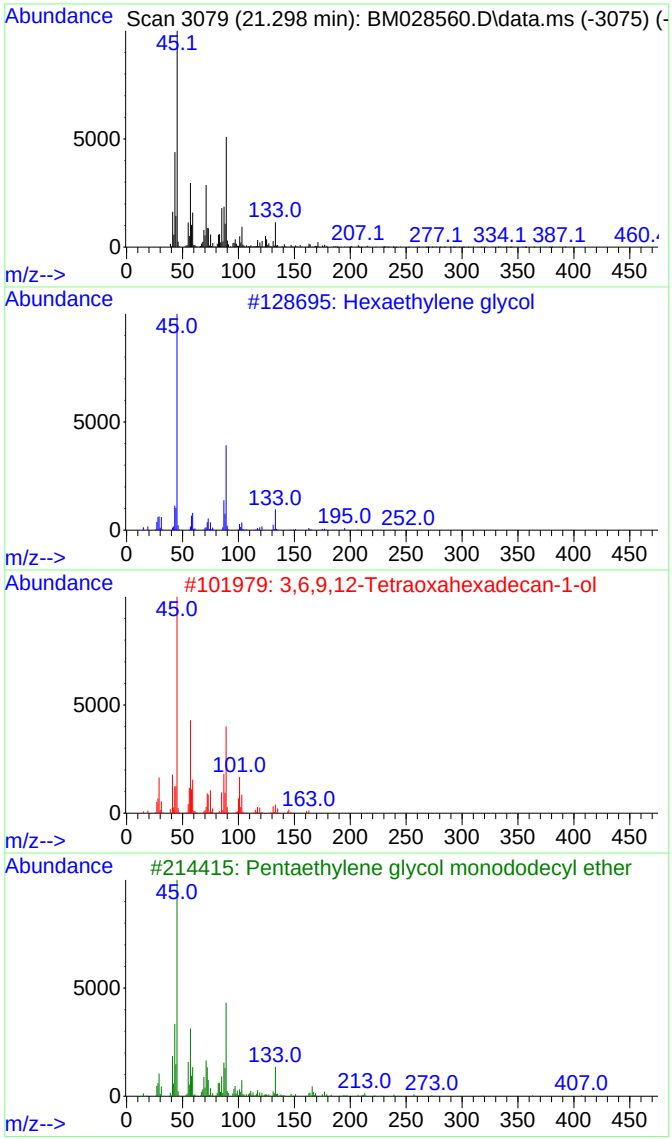
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

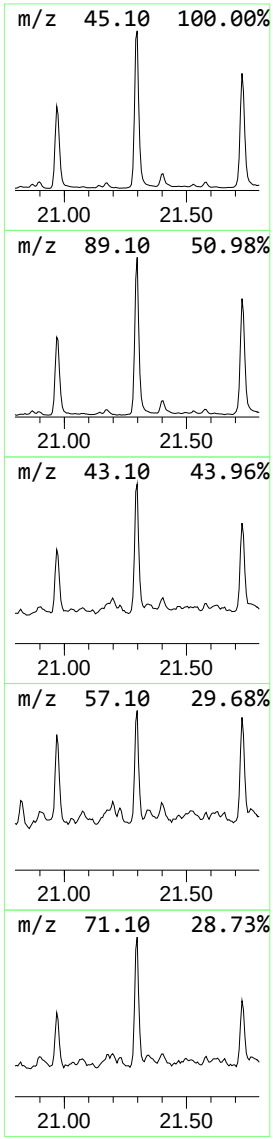
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.298	40.05 ng	756203	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	81
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	80
3	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	78
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	74
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	74





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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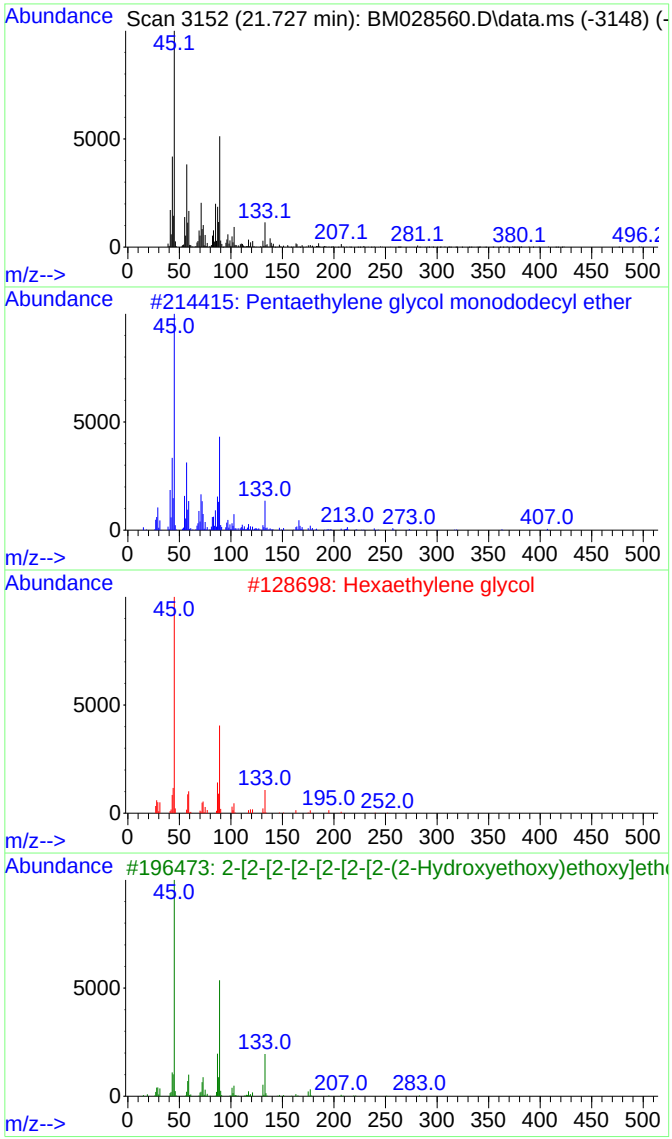
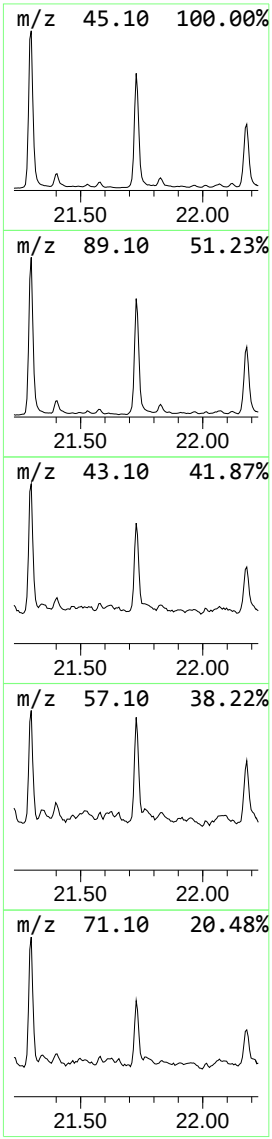
Peak Number 16 unknown21.727 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.727	31.17 ng	588430	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	87
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	74
3	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	74
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	72
5	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	72





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Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

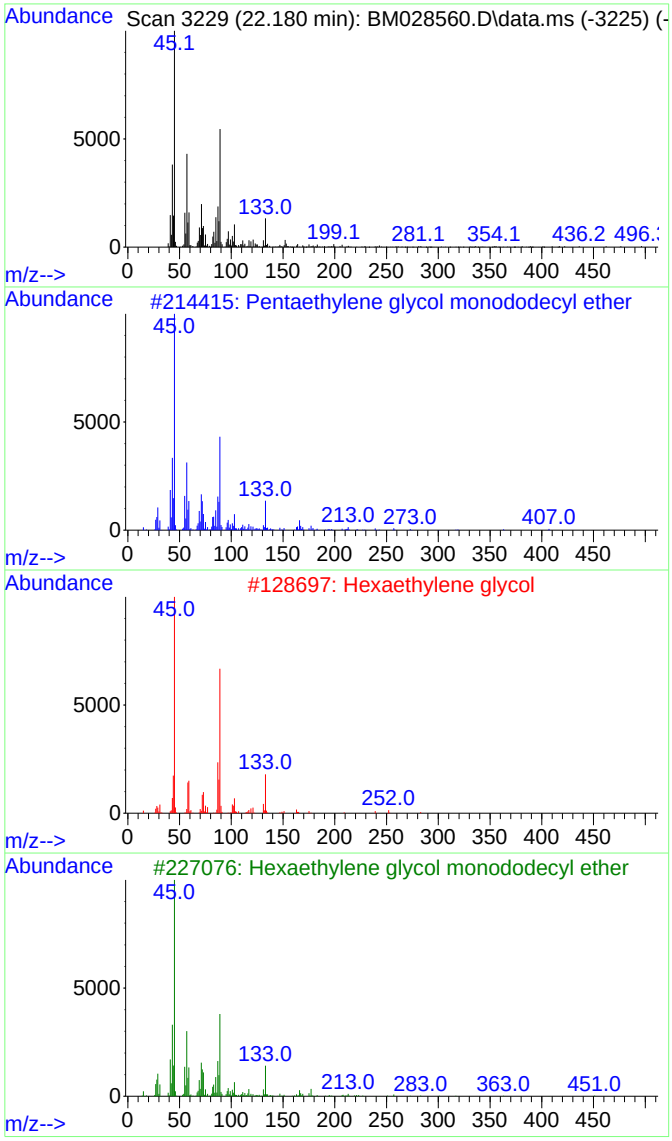
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

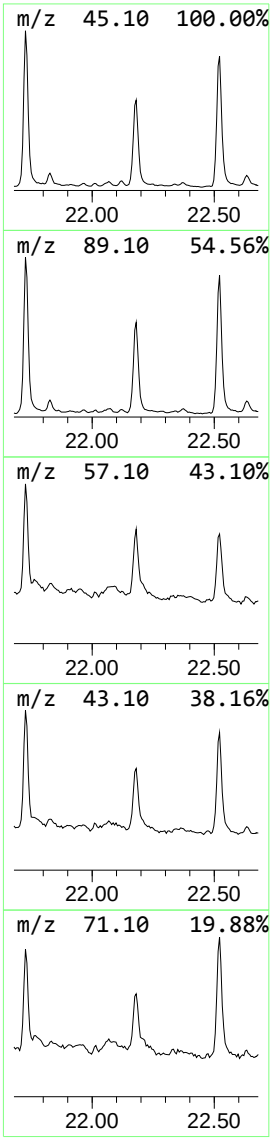
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Hexaethylene glycol monodod... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.180	24.42 ng	461070	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	91
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	87
3	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	80
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	74
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028560.D
Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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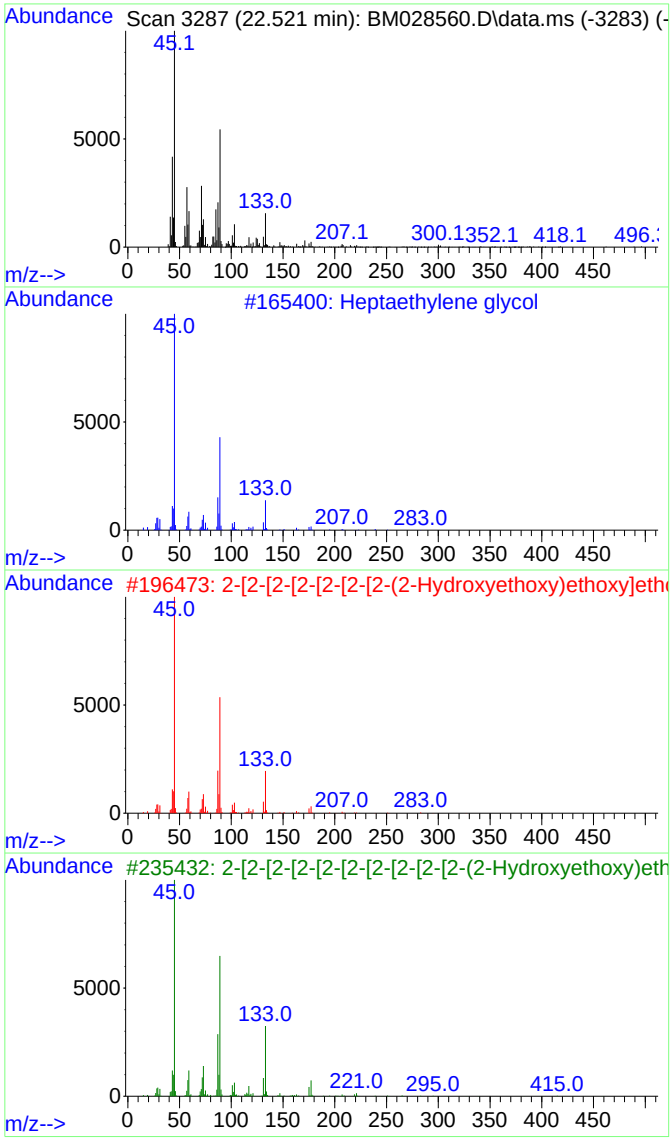
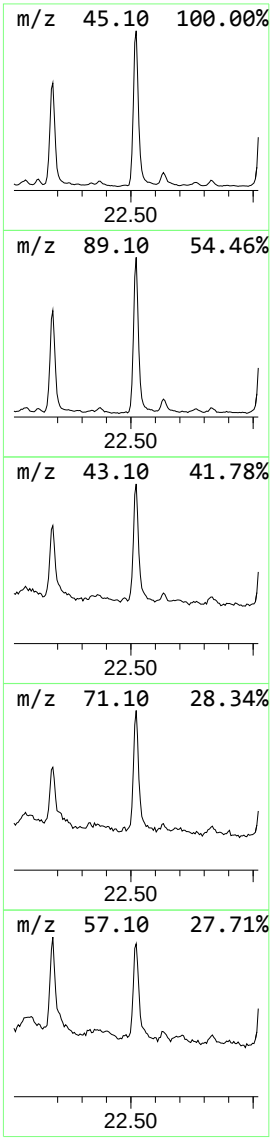
Peak Number 18 unknown22.521 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.521	33.67 ng	635728	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	87
2	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
3	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	87
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	83
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028560.D
Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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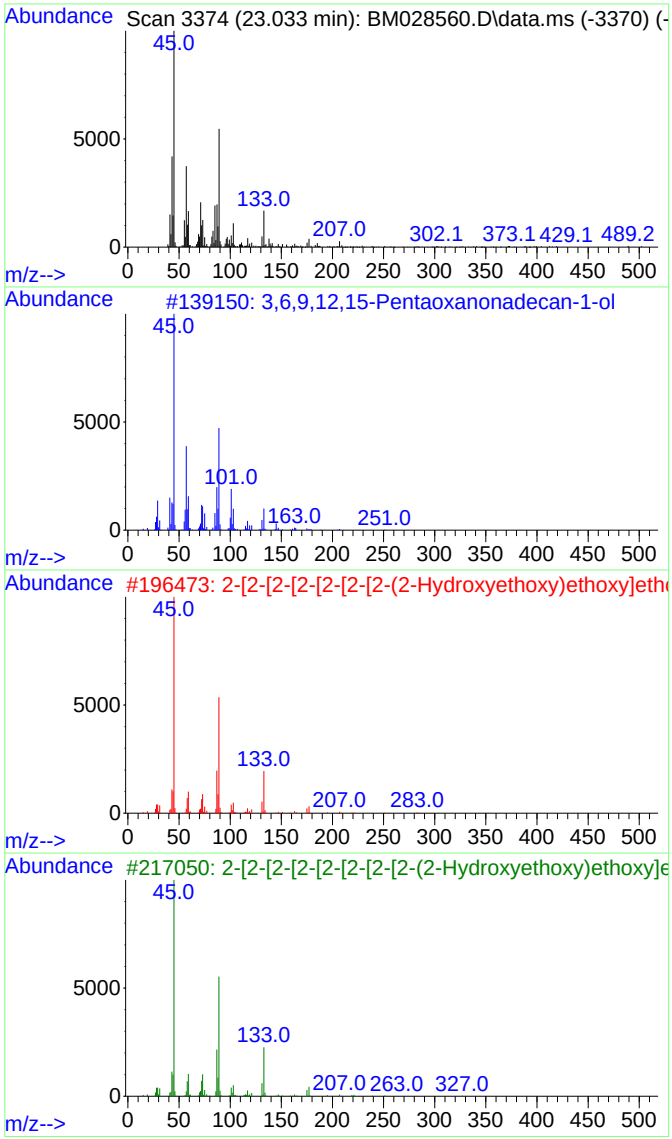
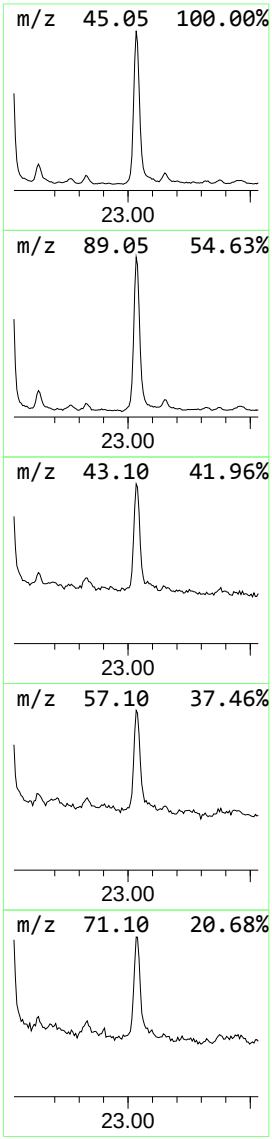
Peak Number 19 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.033	23.97 ng	416144	Perylene-d12	23.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	90
2	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
3	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	83
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	83
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028560.D
Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1723-1724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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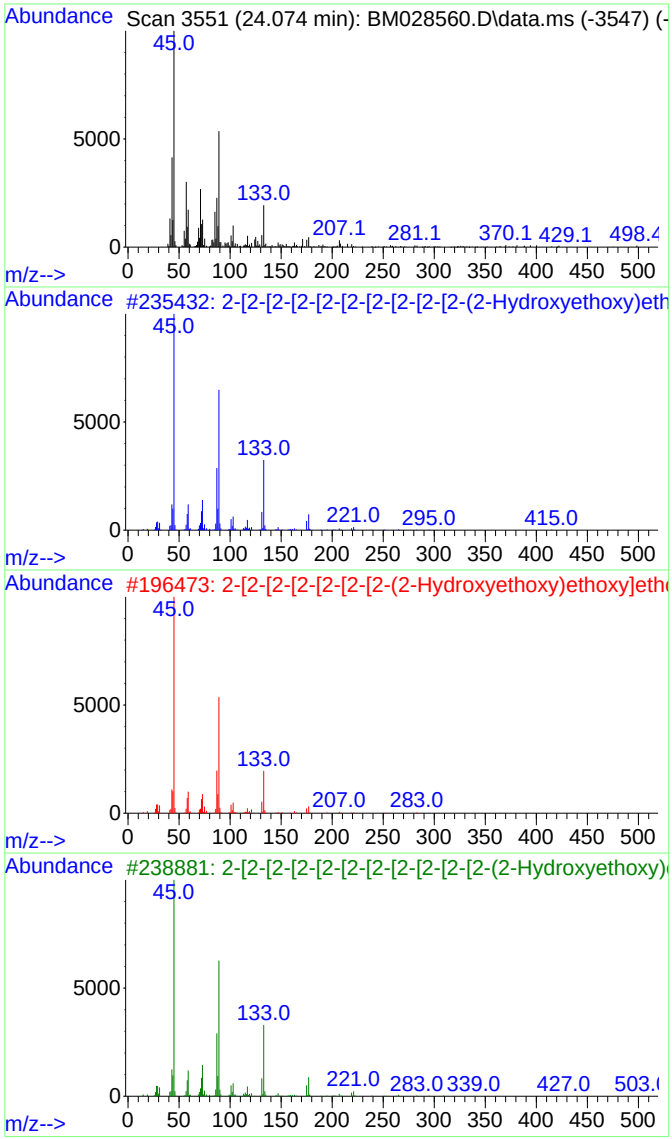
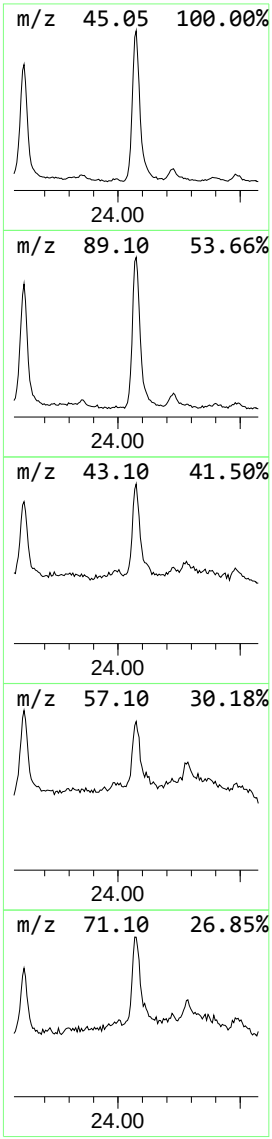
Peak Number 20 unknown24.074 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.074	20.75 ng	360283	Perylene-d12	23.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	87
2	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
3	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	83
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	80
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028560.D
Acq On : 27 Jan 2021 02:49
Operator : CG/JU
Sample : M1217-17 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1723-1724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Nonanol	10.322	15.9	ng	237586	2	10.810	298640	20.0
1-Decanol	11.828	11.2	ng	167135	2	10.810	298640	20.0
Hexadecane, 2,6...	13.598	24.6	ng	449173	3	14.639	365250	20.0
Cyclodecane	14.275	18.1	ng	329783	3	14.639	365250	20.0
n-Tridecan-1-ol	15.269	22.3	ng	407093	3	14.639	365250	20.0
Diethylene glyc...	16.257	43.4	ng	736591	4	17.369	339388	20.0
Benzenamine, 3-...	16.851	21.0	ng	356723	4	17.369	339388	20.0
Diethylene glyc...	17.063	25.3	ng	429523	4	17.369	339388	20.0
Methoxyacetic a...	17.822	23.6	ng	400602	4	17.369	339388	20.0
Pentaethylene g...	18.322	58.4	ng	990859	4	17.369	339388	20.0
Octaethylene gl...	18.980	41.9	ng	710274	4	17.369	339388	20.0
Triethylene gly...	19.580	25.5	ng	481112	5	21.498	377590	20.0
Hexaethylene gl...	20.492	35.7	ng	674172	5	21.498	377590	20.0
Pentaethylene g...	20.968	22.3	ng	421264	5	21.498	377590	20.0
3,6,9,12-Tetrao...	21.298	40.0	ng	756203	5	21.498	377590	20.0
unknown21.727	21.727	31.2	ng	588430	5	21.498	377590	20.0
Hexaethylene gl...	22.180	24.4	ng	461070	5	21.498	377590	20.0
unknown22.521	22.521	33.7	ng	635728	5	21.498	377590	20.0
3,6,9,12,15-Pen...	23.033	24.0	ng	416144	6	23.774	347228	20.0
unknown24.074	24.074	20.8	ng	360283	6	23.774	347228	20.0