LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029140.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.846	125	146	149	rBV2	23337	98022	1.17%	0.103%
2	7.910	823	837	855	rBV2	495284	921904	11.01%	0.965%
3	9.257	1060	1066	1073	rBV	48805	83942	1.00%	0.088%
4	9.333	1073	1079	1096	rVB	98940	169064	2.02%	0.177%
5	9.822	1149	1162	1166	rBV	335654	559820	6.69%	0.586%
6	9.875	1166	1171	1177	rVV	200365	329256	3.93%	0.345%
7	9.951	1177	1184	1196	rVB	545264	854340	10.20%	0.894%
8	10.469	1266	1272	1276	rBV2	86908	148731	1.78%	0.156%
9	11.257	1399	1406	1410	rBV	96624	193064	2.31%	0.202%
10	11.439	1434	1437	1454	rVB3	329549	566011	6.76%	0.592%
11	12.286	1575	1581	1585	rBV	48580	84877	1.01%	0.089%
12	12.498	1613	1617	1625	rVV	119259	187776	2.24%	0.196%
13	12.580	1625	1631	1635	rVV	157076	245118	2.93%	0.256%
14	12.680	1635	1648	1656	rVB	181040	524635	6.27%	0.549%
15	12.792	1663	1667	1679	rVB	78060	129142	1.54%	0.135%
16	12.892	1679	1684	1696	rVB2	60782	96785	1.16%	0.101%
17	13.269	1739	1748	1756	rBV	1157180	1782997	21.29%	1.866%
18	13.680	1813	1818	1823	rVB	70525	101702	1.21%	0.106%
19	13.757	1823	1831	1835	rBV	81007	131978	1.58%	0.138%
20	14.286	1916	1921	1927	rBV2	68640	115738	1.38%	0.121%
21	14.351	1927	1932	1939	rVB	459476	615092	7.35%	0.644%
22	15.010	2035	2044	2048	rBV	91542	146243	1.75%	0.153%
23	15.186	2068	2074	2078	rBV	98726	141263	1.69%	0.148%
24	15.310	2090	2095	2099	rBV	173757	235394	2.81%	0.246%
25	15.363	2099	2104	2114	rVB	256887	344892	4.12%	0.361%
26	15.804	2172	2179	2182	rBV2	167617	309492	3.70%	0.324%
27	15.957	2196	2205	2211	rBV	2082626	3159245	37.73%	3.306%
28	16.027	2211	2217	2229	rVB2	119489	215946	2.58%	0.226%
29	16.204	2243	2247	2259	rBV	131811	198424	2.37%	0.208%
30	16.545	2300	2305	2309	rBV3	83555	126807	1.51%	0.133%
31	16.757	2336	2341	2347	rBV	693844	886183	10.58%	0.927%
32	17.039	2384	2389	2393	rBV	92942	138805	1.66%	0.145%
33	17.227	2417	2421	2425	rBV	119265	146381	1.75%	0.153%
34	17.298	2430	2433	2438	rVB	70346	95349	1.14%	0.100%
35	17.380	2443	2447	2452	rVB	152037	202849	2.42%	0.212%
36	17.527	2465	2472	2478	rBV	441526	698392	8.34%	0.731%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029140.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.886	2529	2533	2537	rVB	78434	95756	1.14%	0.100%
38	18.039	2550	2559	2571	rBV	3184669	5679950	67.83%	5.943%
39	18.215	2585	2589	2595	rBV	190018	240204	2.87%	0.251%
40	18.692	2663	2670	2680	rVB	1390901	1866144	22.28%	1.953%
41	18.851	2694	2697	2706	rVB	65264	99757	1.19%	0.104%
42	19.045	2726	2730	2739	rVB	166040	215234	2.57%	0.225%
43	19.174	2748	2752	2759	rVB	193670	238543	2.85%	0.250%
44	19.298	2767	2773	2779	rBV	888253	1089048	13.01%	1.140%
45	19.527	2808	2812	2815	rBV	73384	104250	1.24%	0.109%
46	19.562	2815	2818	2824	rVB	148351	182866	2.18%	0.191%
47	19.721	2837	2845	2856	rVB	4406486	7448591	88.95%	7.794%
48	19.839	2860	2865	2869	rBV	328961	368139	4.40%	0.385%
49	20.003	2889	2893	2899	rBV	83174	112537	1.34%	0.118%
50	20.062	2899	2903	2911	rVB2	62335	112506	1.34%	0.118%
51	20.227	2924	2931	2940	rBV	2220620	3008724	35.93%	3.148%
52	20.339	2946	2950	2957	rVB	92240	113801	1.36%	0.119%
53	20.492	2972	2976	2981	rBV	157918	185302	2.21%	0.194%
54	20.597	2992	2994	2998	rVB	169733	188276	2.25%	0.197%
55	20.709	3007	3013	3019	rBV	1095965	1452497	17.35%	1.520%
56	20.874	3036	3041	3044	rVV	79147	117361	1.40%	0.123%
57	20.909	3044	3047	3056	rVB	189896	267067	3.19%	0.279%
58	21.062	3063	3073	3079	rBV	4833977	8374021	100.00%	8.762%
59	21.144	3082	3087	3091	rVV	429173	490934	5.86%	0.514%
60	21.221	3095	3100	3105	rVV2	125903	249137	2.98%	0.261%
61	21.315	3112	3116	3120	rVB2	82727	104542	1.25%	0.109%
62	21.480	3135	3144	3153	rBV	3139758	4078252	48.70%	4.267%
63	21.556	3154	3157	3165	rVB	129360	167272	2.00%	0.175%
64	21.686	3175	3179	3184	rVB	138980	162289	1.94%	0.170%
65	21.786	3189	3196	3203	rVB	149629	249234	2.98%	0.261%
66	21.891	3208	3214	3220	rBV	1110236	1656823	19.79%	1.734%
67	22.039	3235	3239	3242	rVV	76987	113712	1.36%	0.119%
68	22.074	3242	3245	3252	rVB	136382	204807	2.45%	0.214%
69	22.239	3262	3273	3281	rBV	4270560	8088727	96.59%	8.464%
70	22.321	3282	3287	3293	rVB	367348	494080	5.90%	0.517%
71	22.439	3302	3307	3312	rVB	81293	135671	1.62%	0.142%
72	22.497	3313	3317	3323	rVB	80039	127251	1.52%	0.133%
73	22.709	3341	3353	3363	rBV	2361787	4272071	51.02%	4.470%
74	22.797	3364	3368	3374	rVB	90419	129748	1.55%	0.136%
75	22.950	3390	3394	3400	rVB	79602	119351	1.43%	0.125%
76	23.086	3410	3417	3424	rVB	108334	227166	2.71%	0.238%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
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Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

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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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.227	3431	3441	3450	rBV	724839	1598825	19.09%	1.673%
78	23.356	3458	3463	3468	rBV	83857	158456	1.89%	0.166%
79	23.444	3474	3478	3484	rVB	75349	125988	1.50%	0.132%
80	23.685	3504	3519	3531	rBV	2859469	7474734	89.26%	7.821%
81	23.791	3531	3537	3546	rVB	234699	446700	5.33%	0.467%
82	23.938	3558	3562	3570	rVB2	57448	123992	1.48%	0.130%
83	24.021	3572	3576	3588	rVB	53481	120956	1.44%	0.127%
84	24.338	3617	3630	3641	rVB	1581322	4032509	48.15%	4.219%
85	24.450	3644	3649	3658	rVB	57218	125085	1.49%	0.131%
86	24.862	3713	3719	3735	rVB3	60425	174907	2.09%	0.183%
87	25.085	3743	3757	3771	rVB	422734	1392916	16.63%	1.457%
88	25.762	3851	3872	3888	rBV	1509880	5512813	65.83%	5.768%
89	25.909	3890	3897	3910	rVB	117782	326765	3.90%	0.342%
90	26.750	4022	4040	4058	rVB	805330	3110753	37.15%	3.255%
91	28.944	4388	4413	4435	rVB2	580693	3228545	38.55%	3.378%

Sum of corrected areas: 95571244

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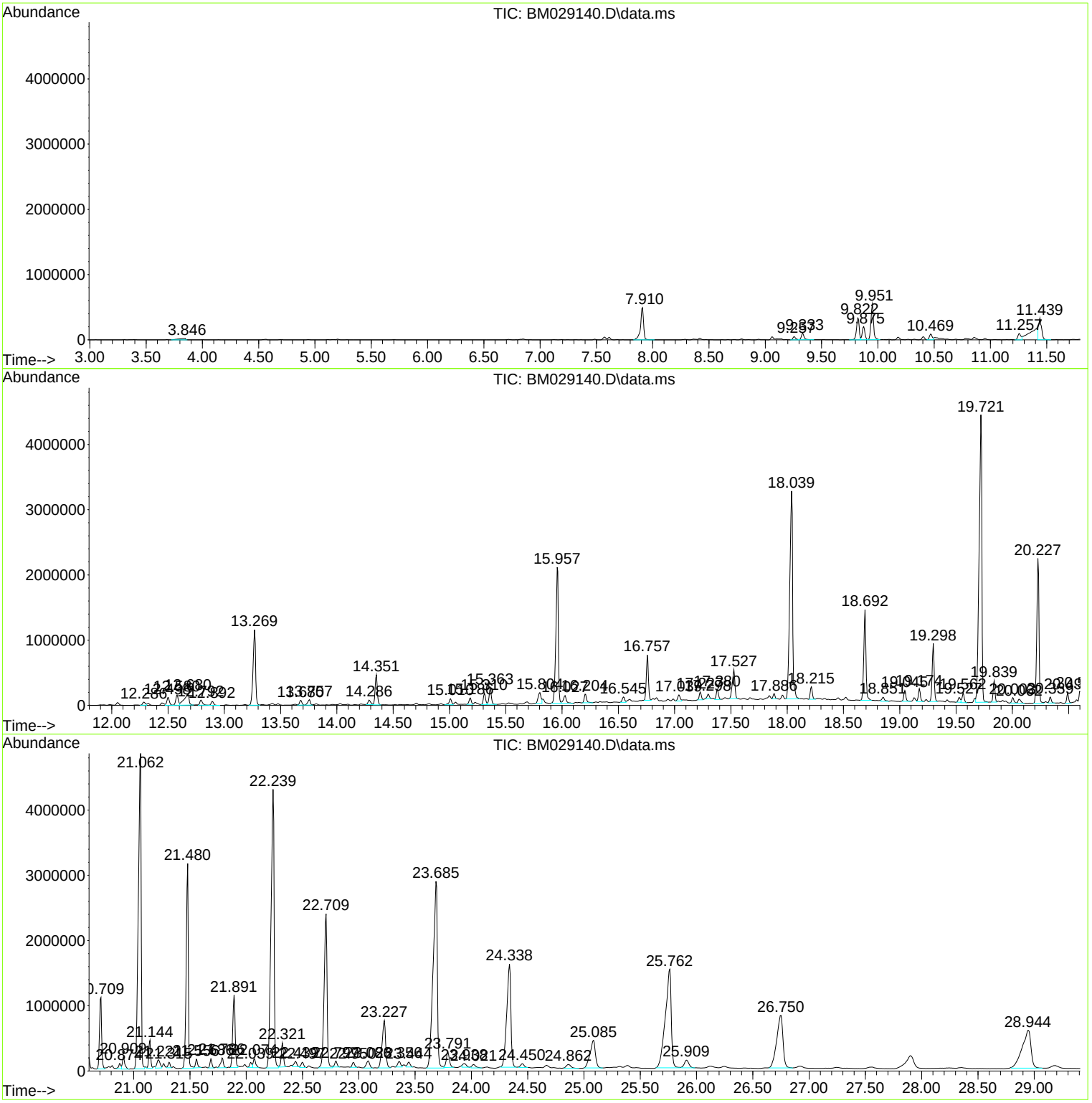
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1858

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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\BM031521\
Data File : BM029140.D
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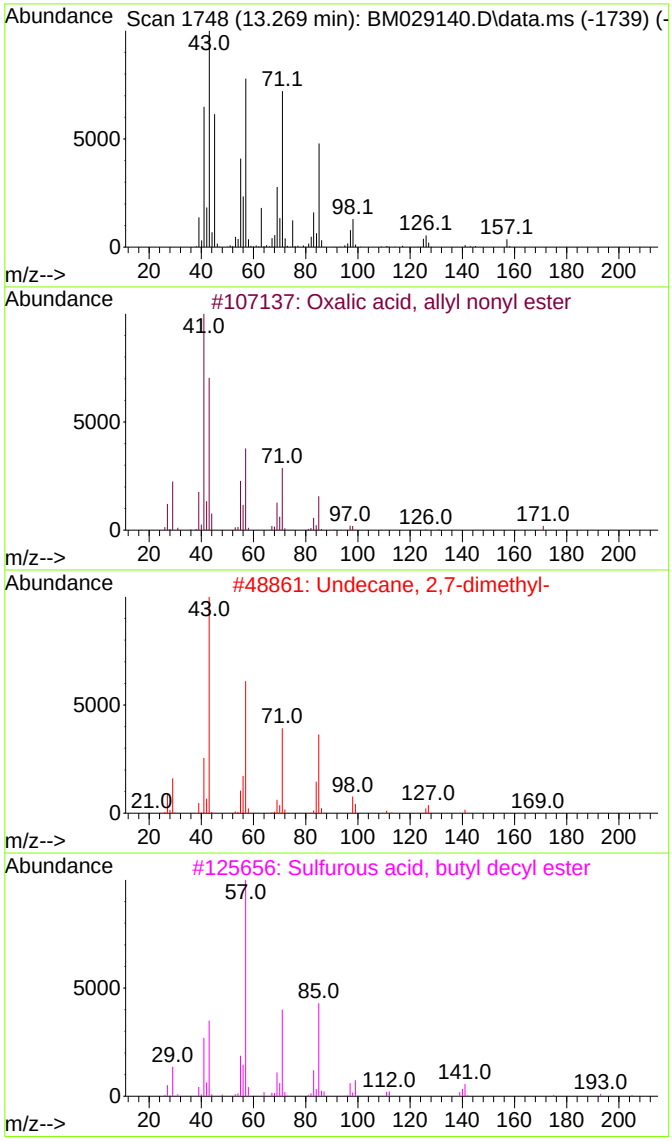
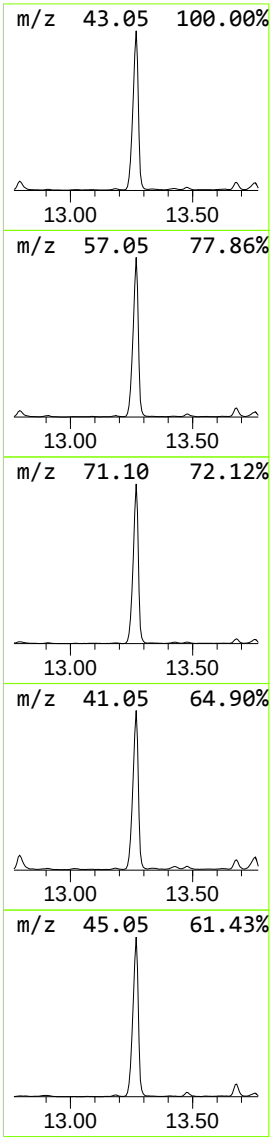
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Oxalic acid, allyl nonyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	308.11 ng	1783000	Acenaphthene-d10	14.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	52
2	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	50
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47
4	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	43
5	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

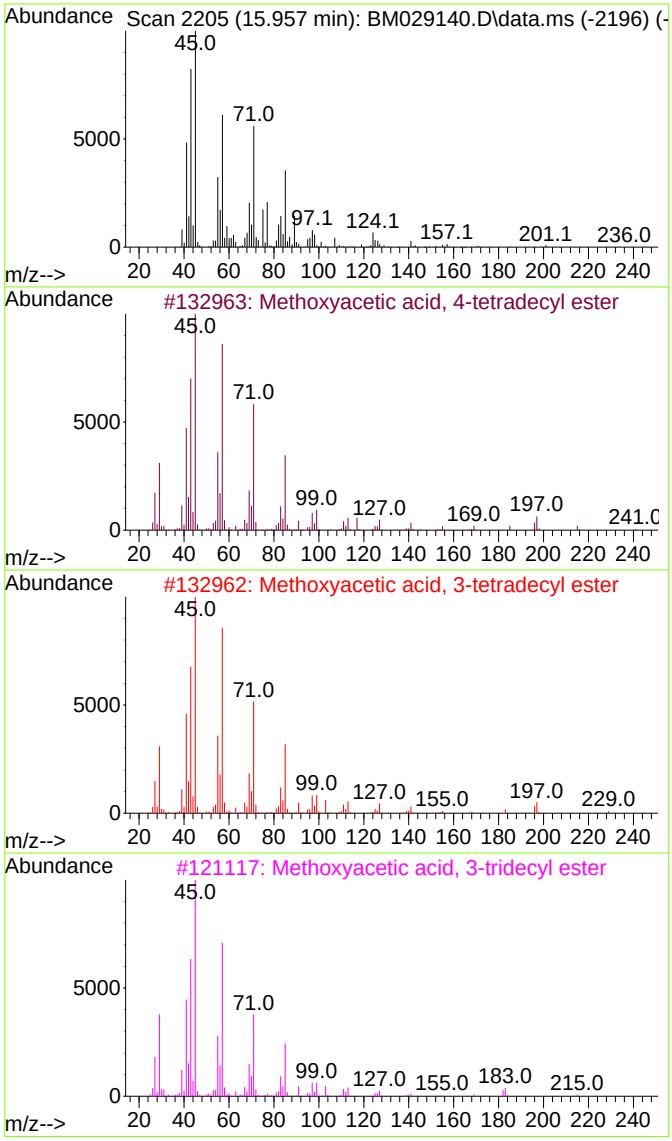
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

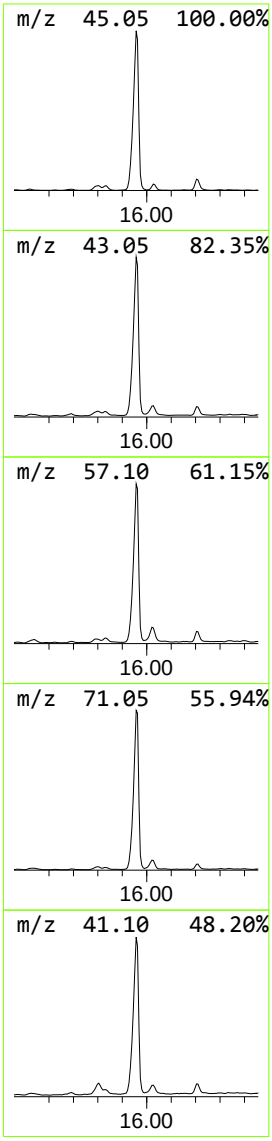
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methoxyacetic acid, 4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.957	455.21 ng	3159250	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 4-tetradecyl...	286	C17H34O3	1000282-05-0	58
2	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	53
3	Methoxyacetic acid, 3-tridecyl e...	272	C16H32O3	1000282-04-6	47
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	46
5	Diethylene glycol hexyl ether	190	C10H22O3	000112-59-4	35





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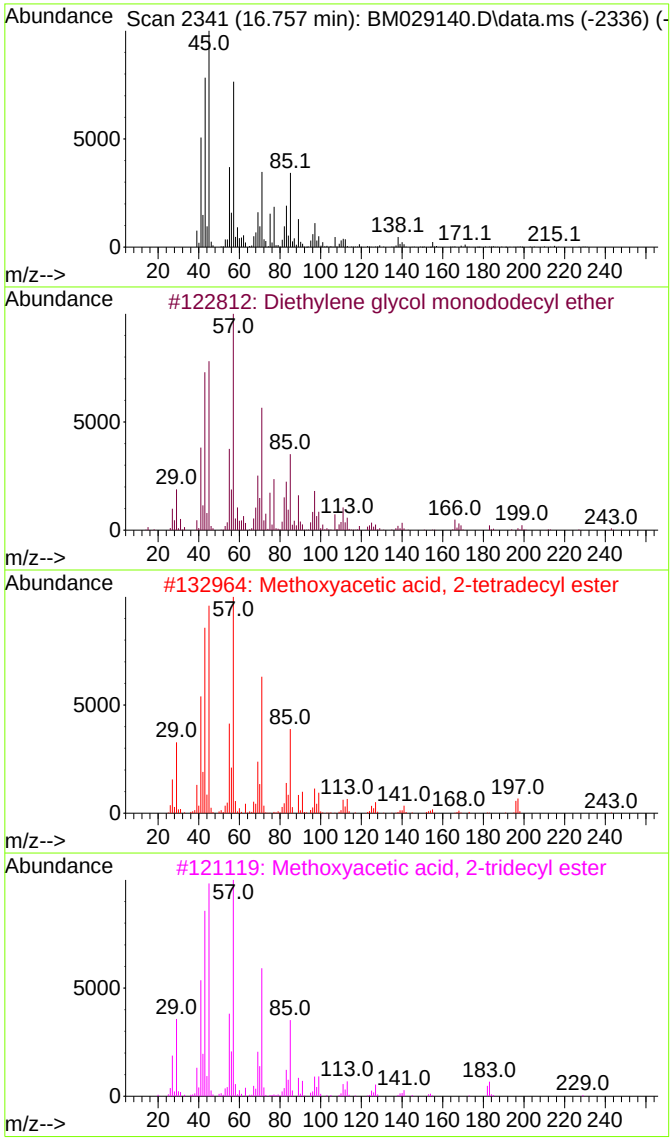
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

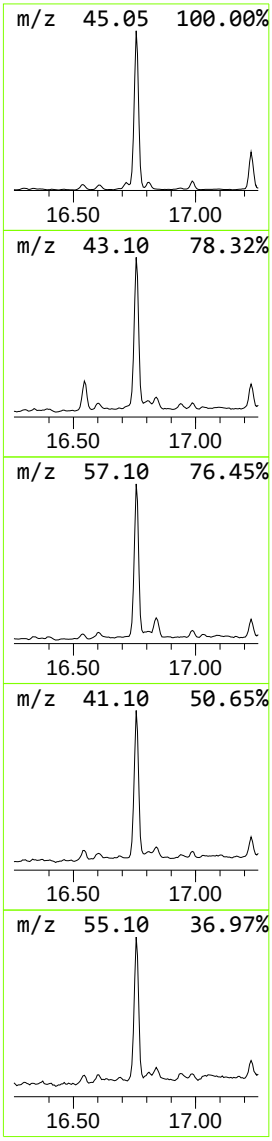
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Diethylene glycol monododec... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.756	127.69 ng	886183	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol monododecyl ether	274	C16H34O3	003055-93-4	53
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	47
3	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	46
4	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	43
5	2-Octene, 1-(methoxymethoxy)-, (E)-	172	C10H20O2	142509-32-8	38





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Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1858

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

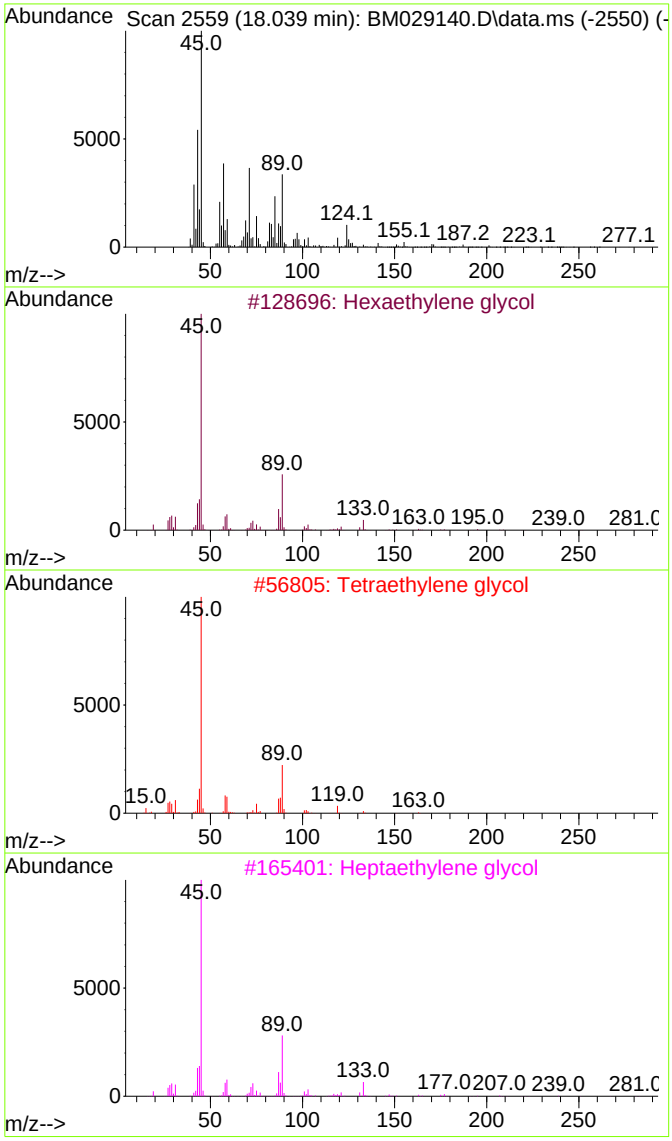
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

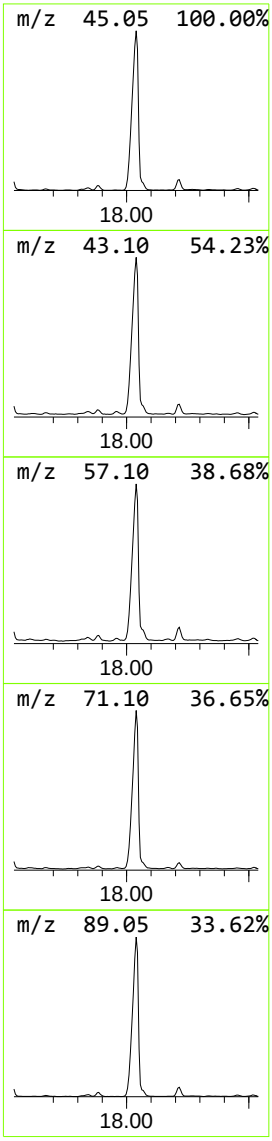
****

Peak Number 4 Hexaethylene glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	818.41 ng	5679950	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
2	Tetraethylene glycol	194	C8H18O5	000112-60-7	53
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	53
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	53
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	50





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Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

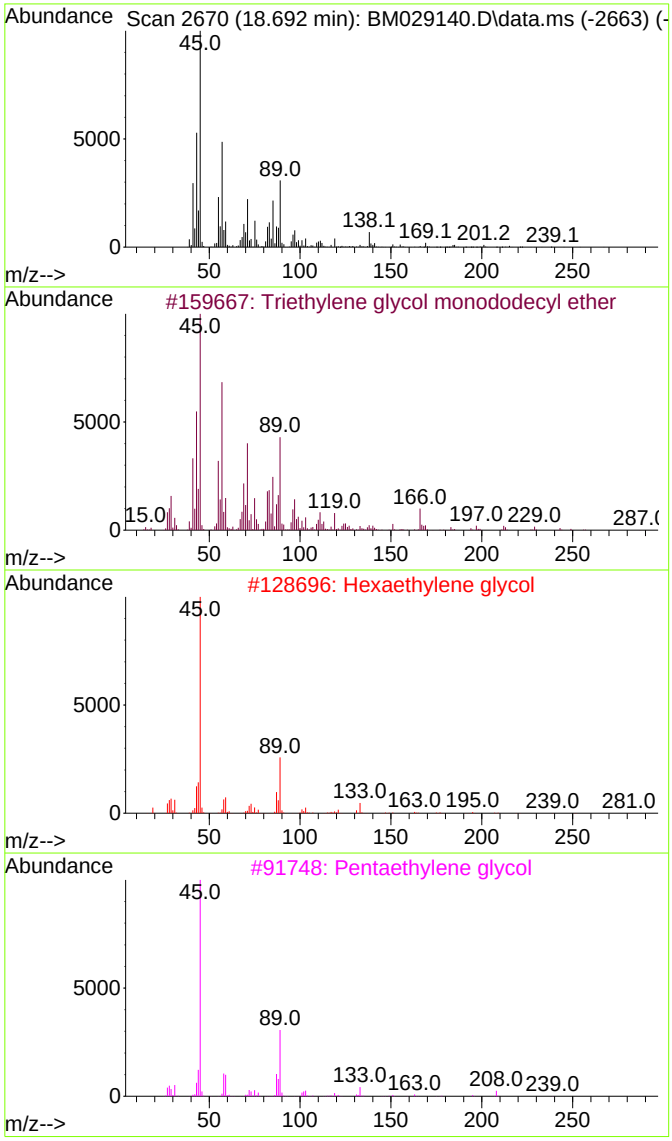
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

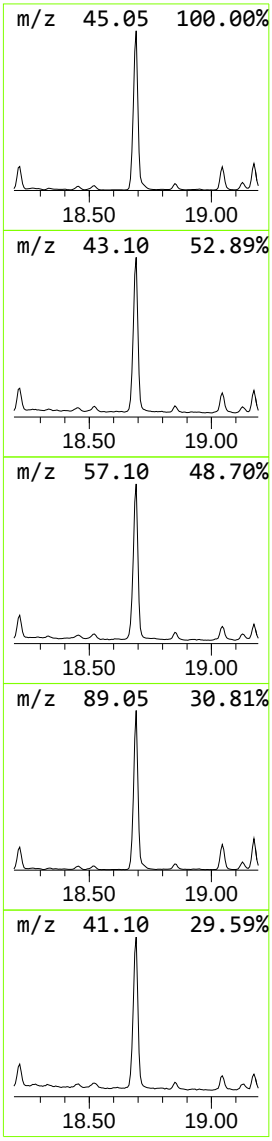
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Triethylene glycol monodode... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	268.89 ng	1866140	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	78
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	53
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	53
5	2-Tetradecanol	214	C14H30O	004706-81-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029140.D
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Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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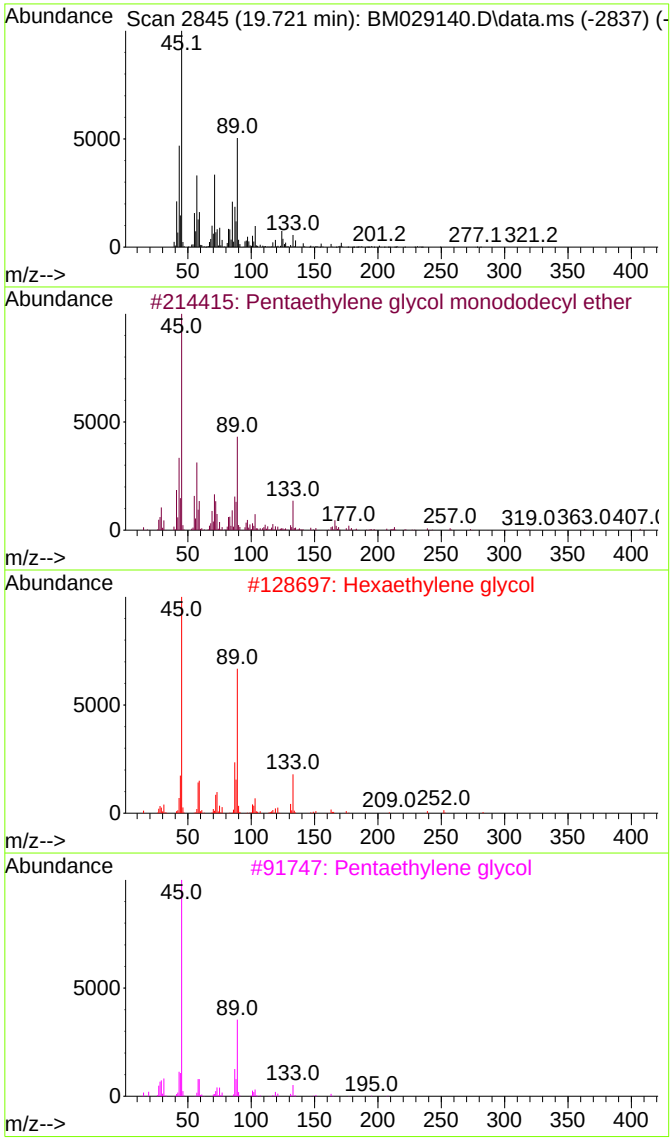
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

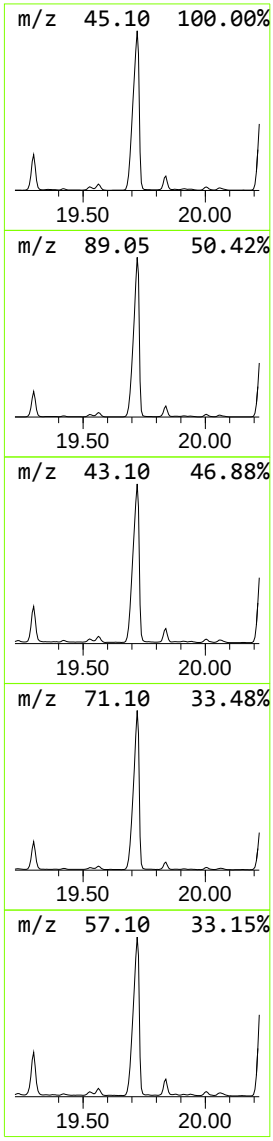
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentaethylene glycol monodo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.721	597.95 ng	7448590	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	72
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-Hydroxyet...	370	C16H34O9	005117-19-1	64
5	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

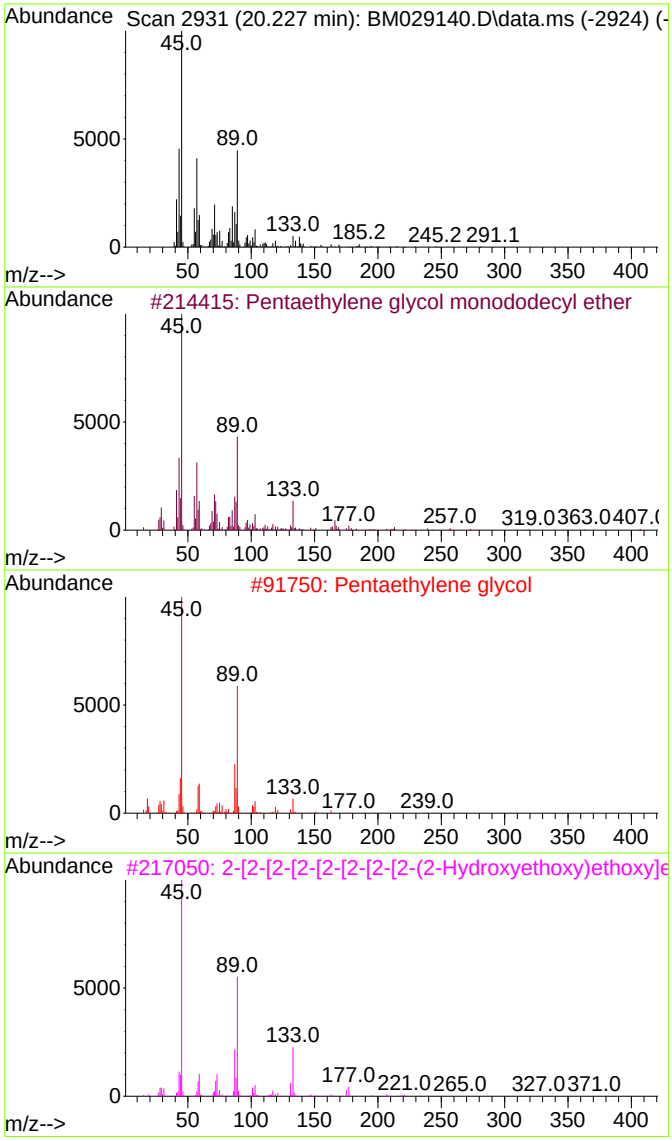
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

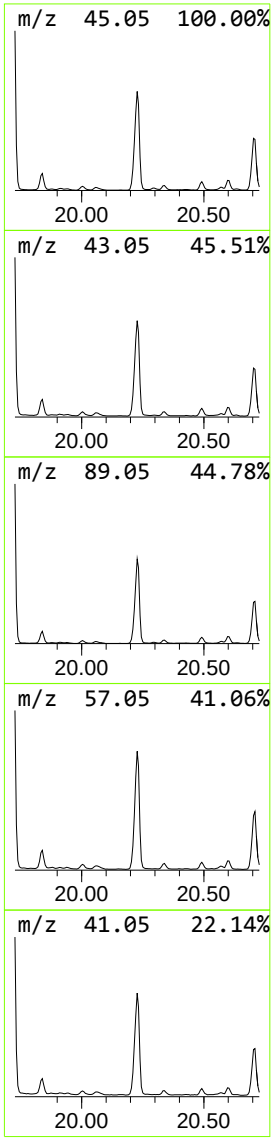
****

Peak Number 7 Pentaethylene glycol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.227	241.53 ng	3008720	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	86
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	72
3	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	72
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	72
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	72





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Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

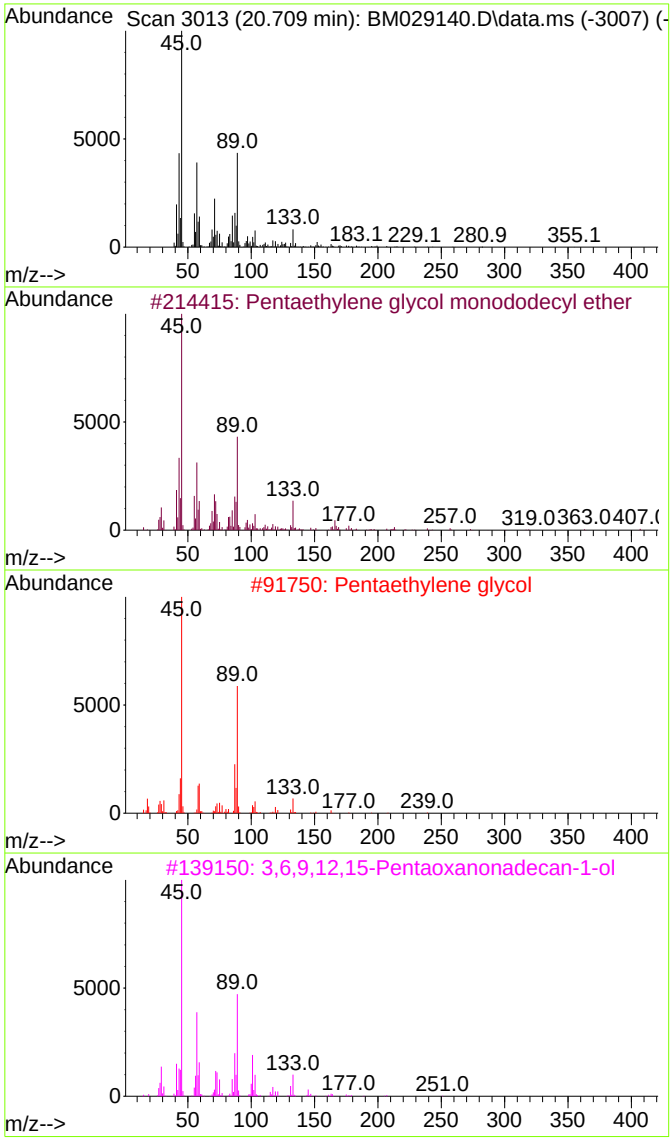
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

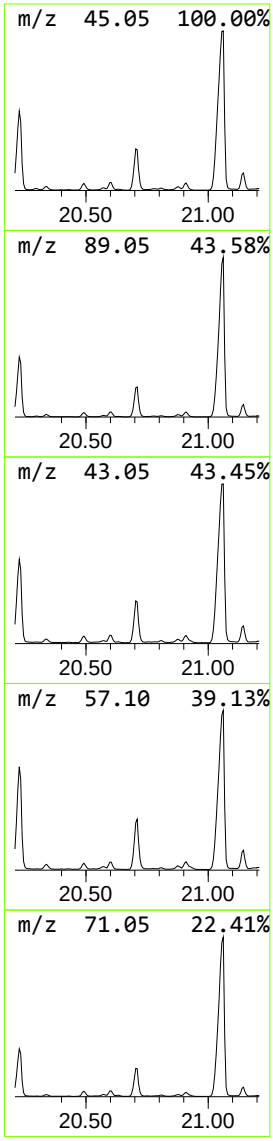
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.709	116.60 ng	1452500	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	86
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	83
3	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	83
4	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	78
5	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	74





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Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

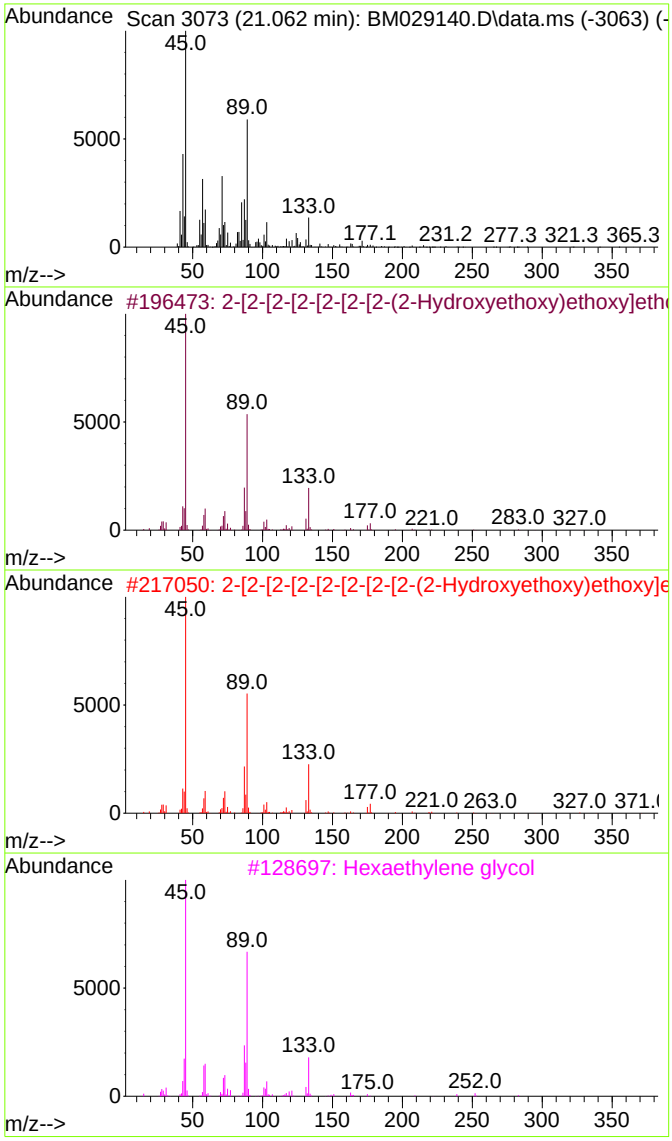
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

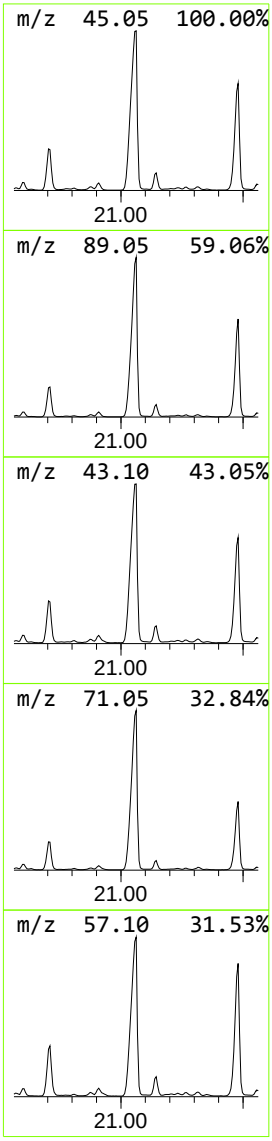
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-[2-[2-[2-[2-[2-[2-(2-Hydr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.062	672.24 ng	8374020	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	74
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	74
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	74
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	72
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1858

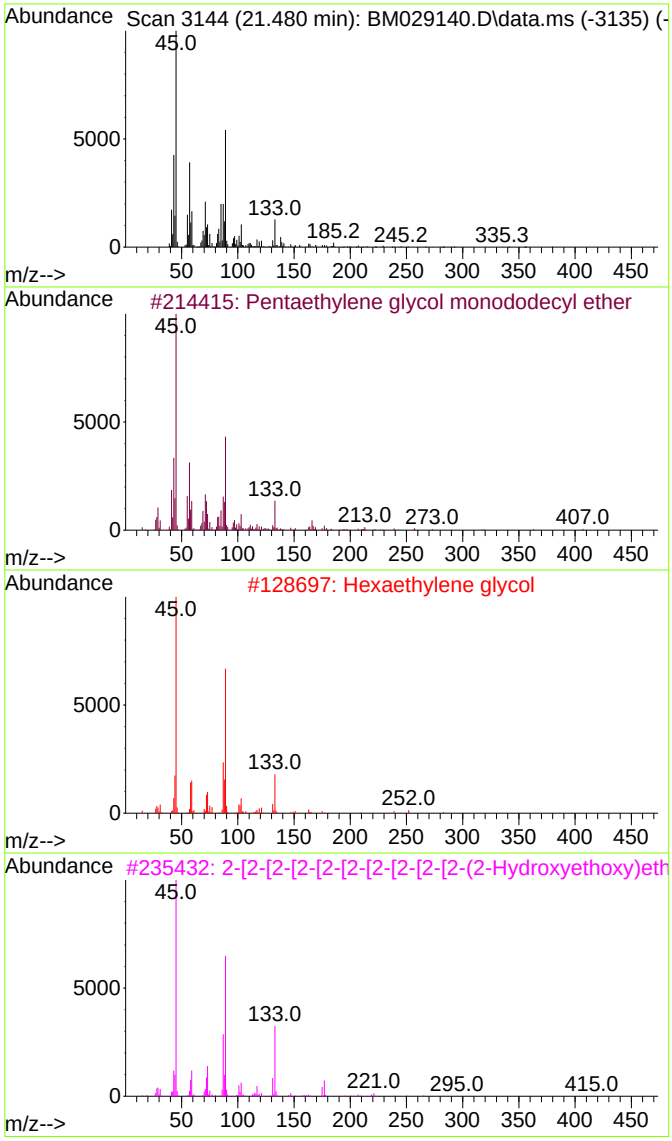
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

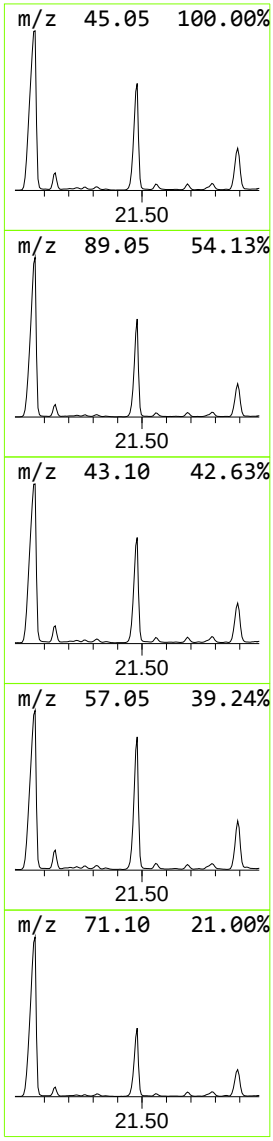
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-[2-[2-[2-[2-[2-[2-[2-[2-[... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.480	327.39 ng	4078250	Chrysene-d12	21.221

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	81
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	74
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	74
5	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
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Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1858

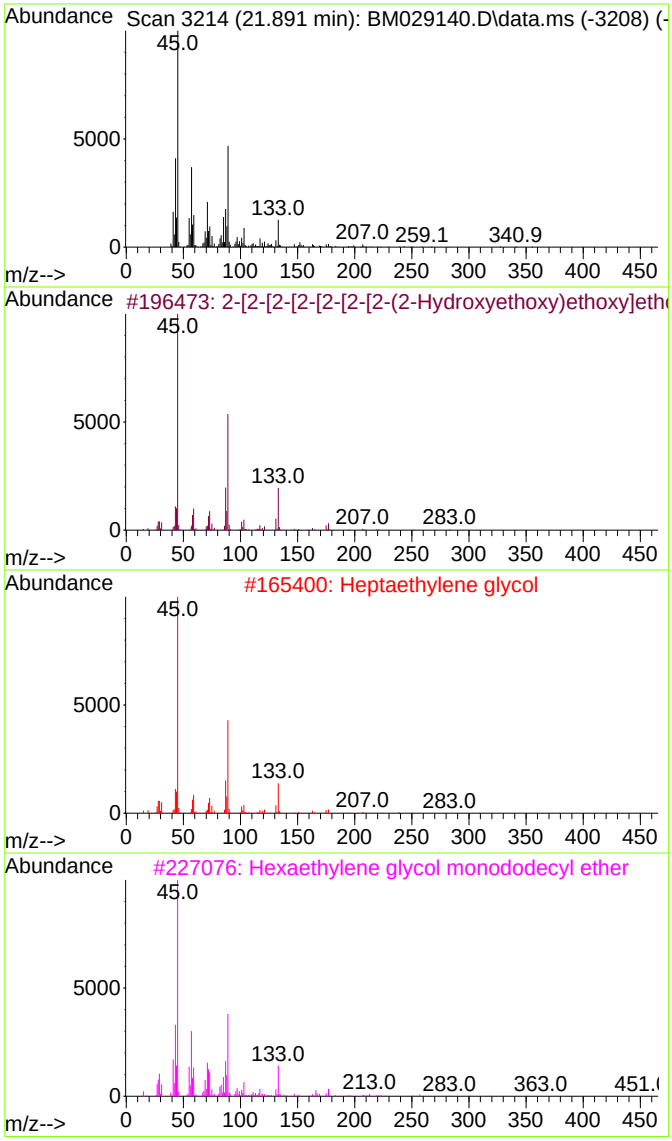
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

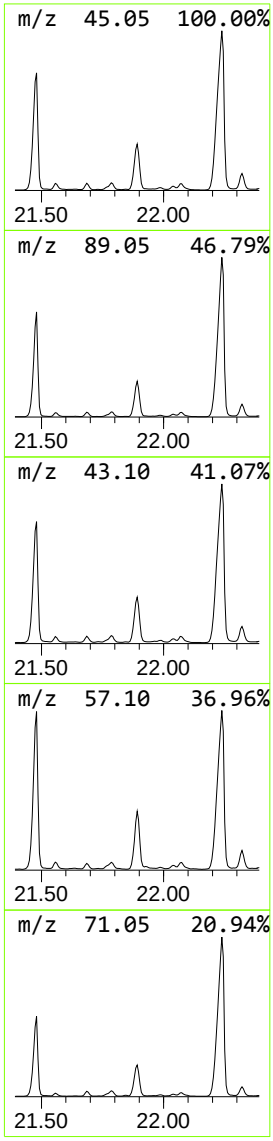
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Heptaethylene glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.892	133.01 ng	1656820	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	87
3	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	87
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	83
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
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Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

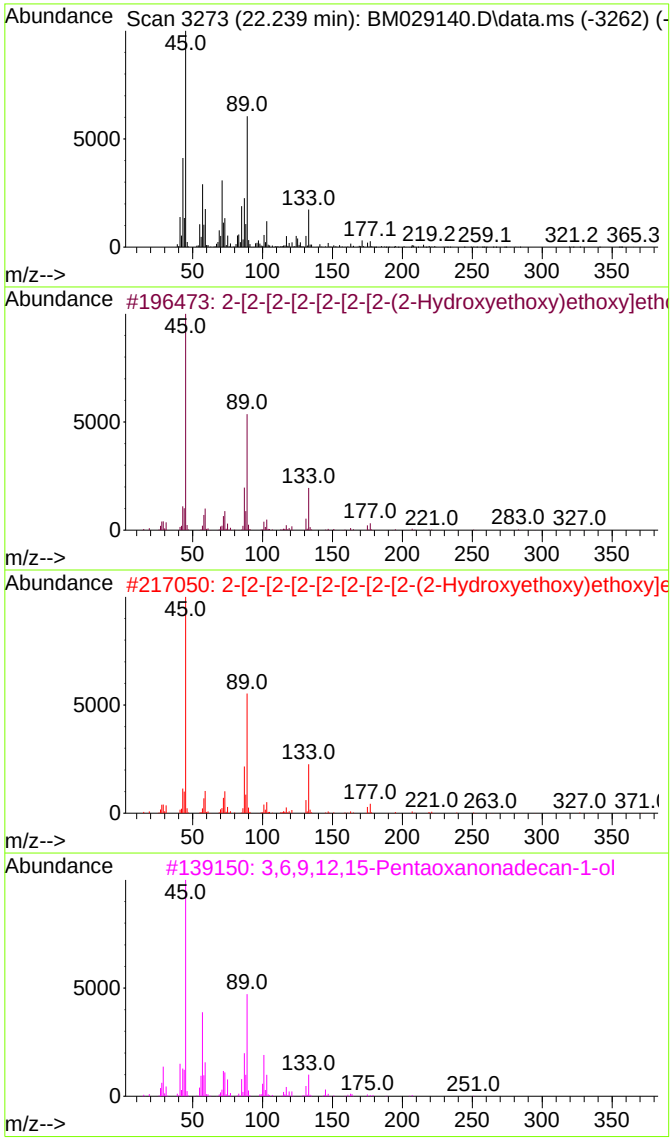
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

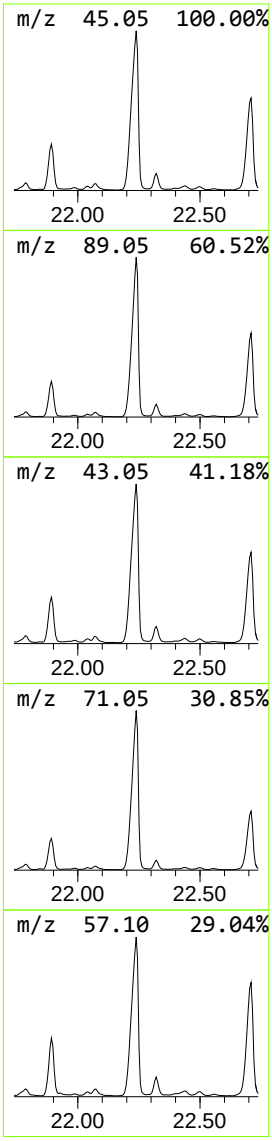
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-[2-[2-[2-[2-[2-[2-[2-(2-H... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.238	649.34 ng	8088730	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	83
3	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	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-...	502	C22H46O12	1000352-13-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
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Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

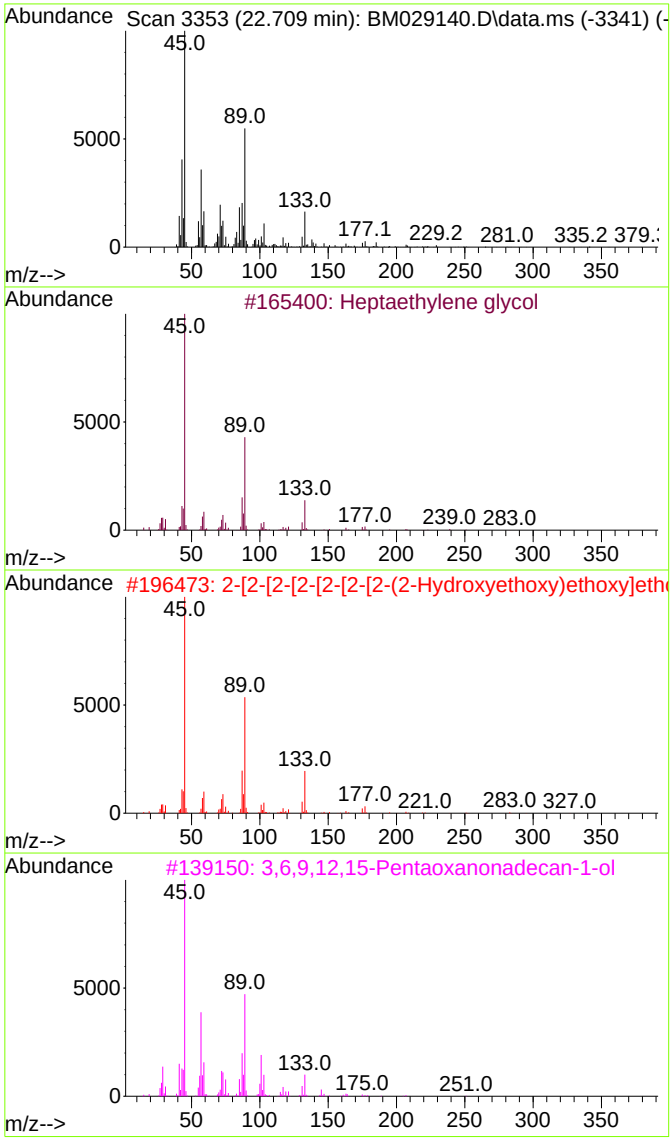
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

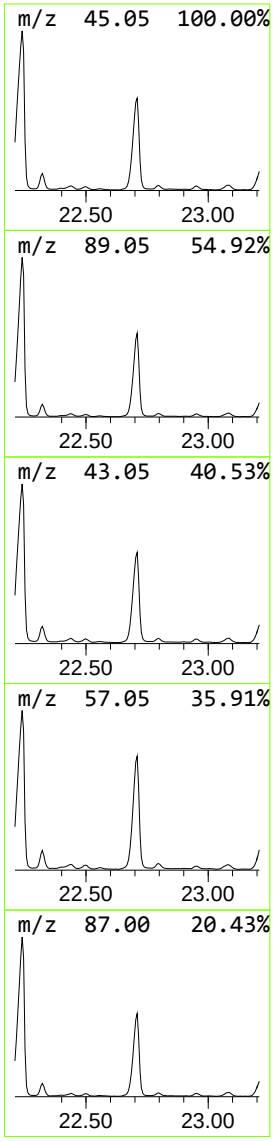
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexaethylene glycol monodod... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.709	539.21 ng	4272070	Perylene-d12	23.362

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	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	87
4	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	83
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	83





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Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

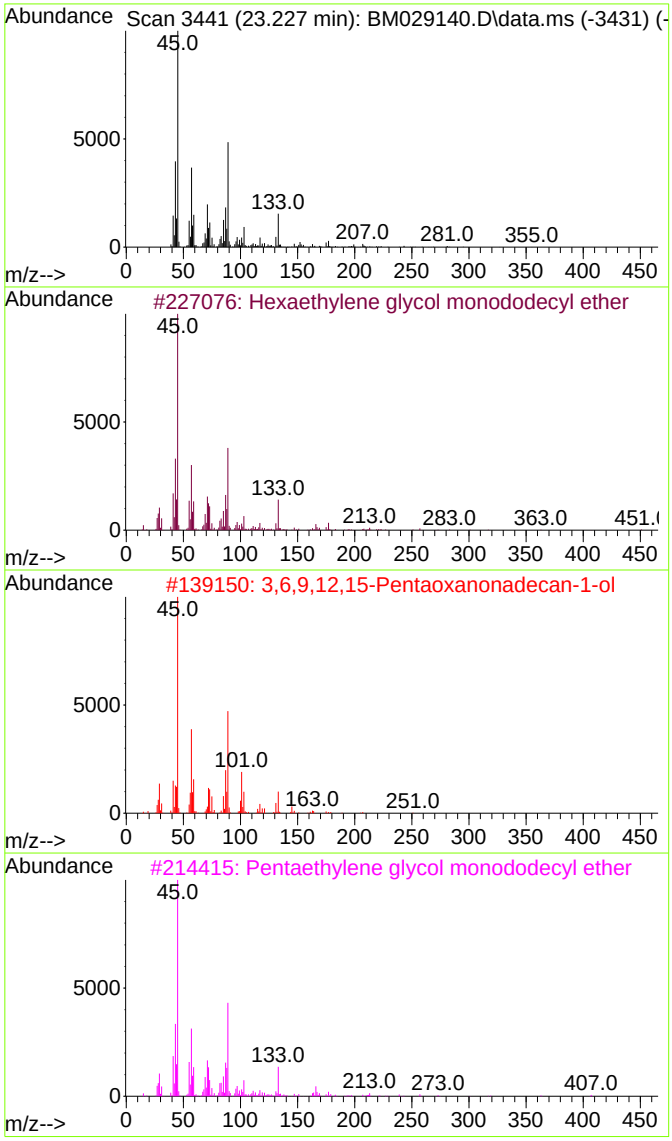
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

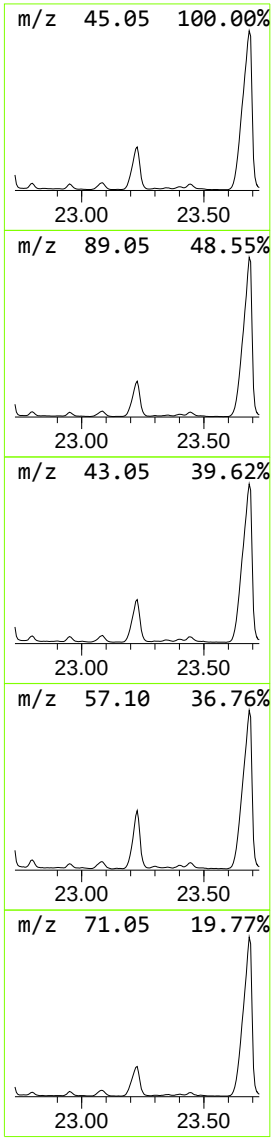
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.227	201.80 ng	1598830	Perylene-d12	23.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	91
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	90
3	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	90
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	83
5	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	81





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Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1858

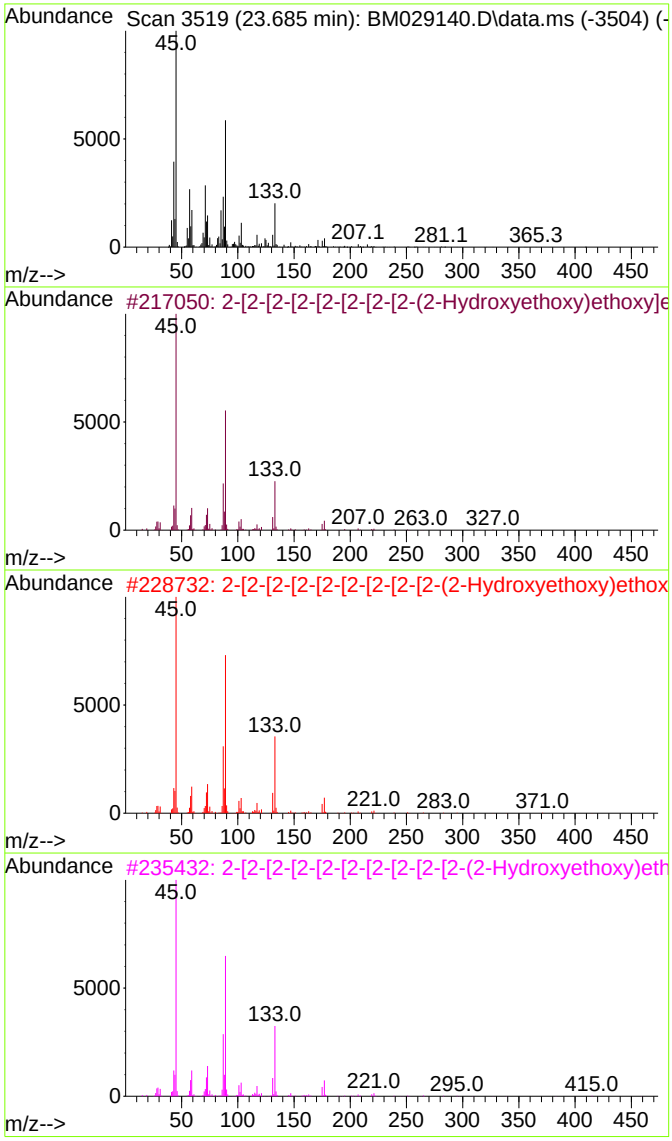
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

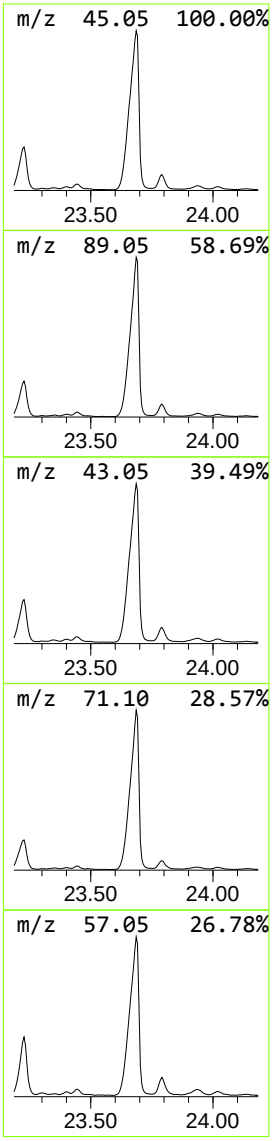
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-[2-[2-[2-[2-[2-[2-[2-[2-(... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.686	943.45 ng	7474730	Perylene-d12	23.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	87
2	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	87
3	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	87
4	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	83





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Data File : BM029140.D
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Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1858

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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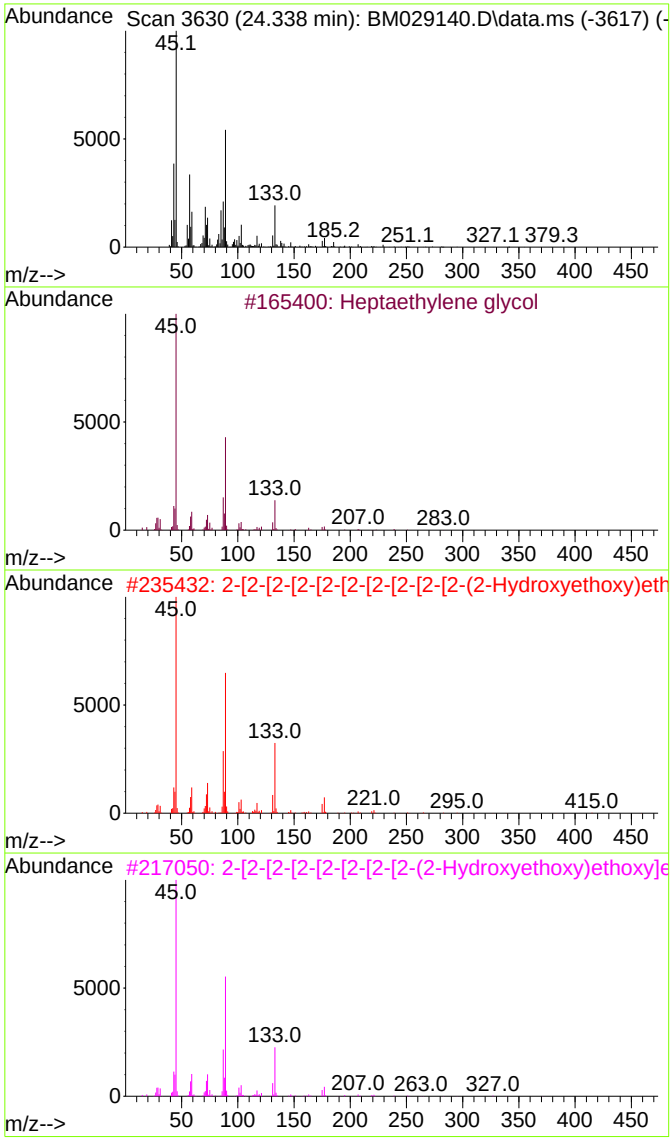
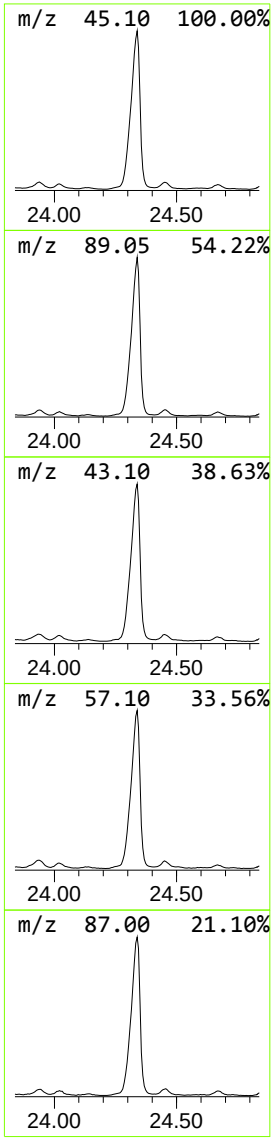
Peak Number 16 unknown24.338 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.338	508.98 ng	4032510	Perylene-d12	23.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	90
2	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	90
3	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	90
4	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	90
5	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	87





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Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

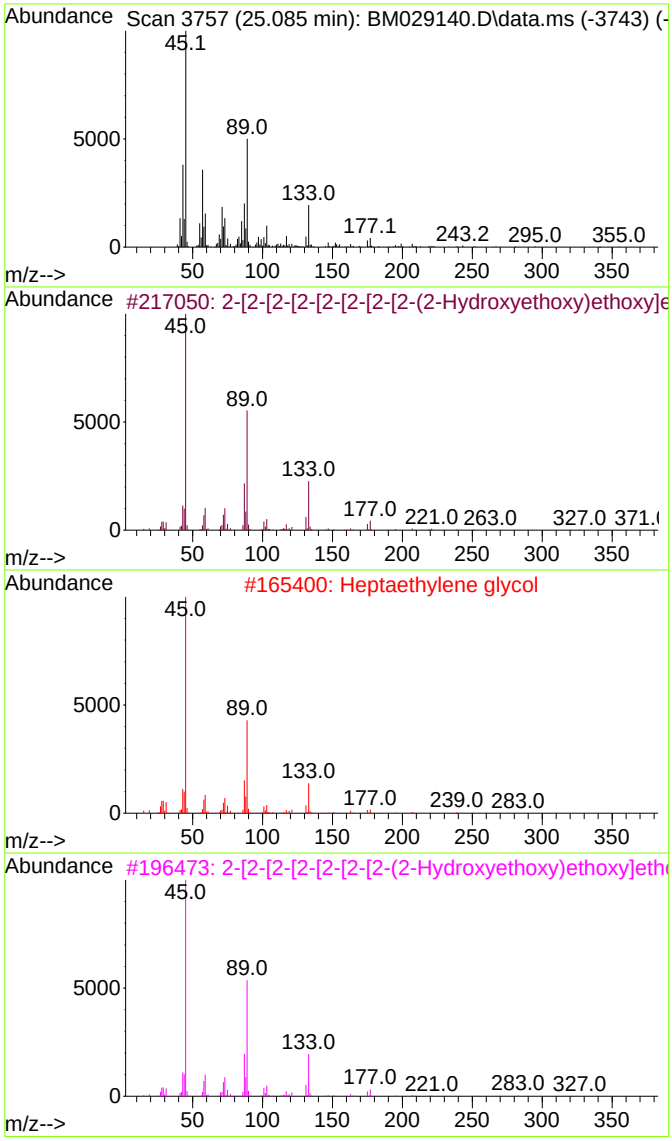
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

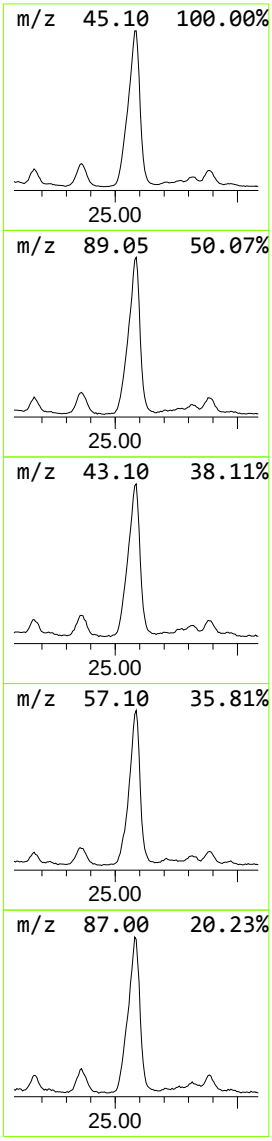
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-[2-[2-[2-[2-[2-[2-[2-[2-[... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.085	175.81 ng	1392920	Perylene-d12	23.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	90
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	90
3	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	90
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	90
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

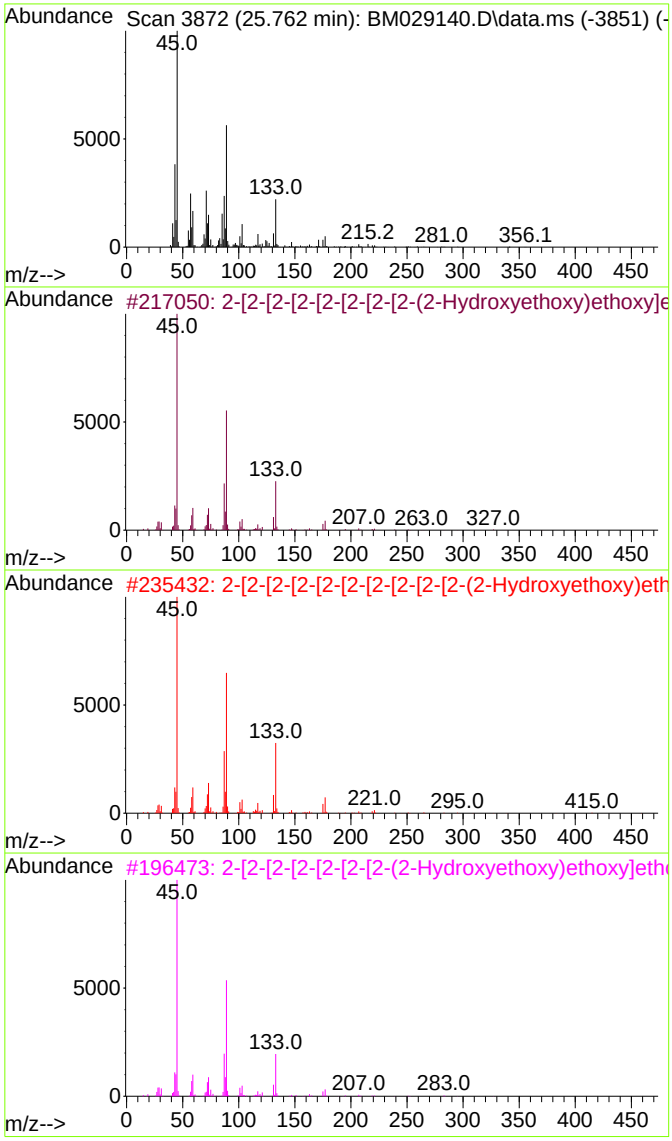
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

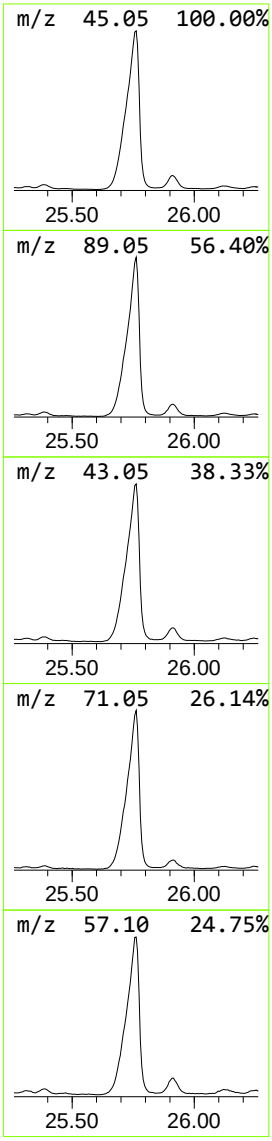
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Heptaethylene glycol monodo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.762	695.82 ng	5512810	Perylene-d12	23.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	87
2	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	87
3	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
4	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	87
5	Heptaethylene glycol monododecyl...	494	C26H54O8	003055-97-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

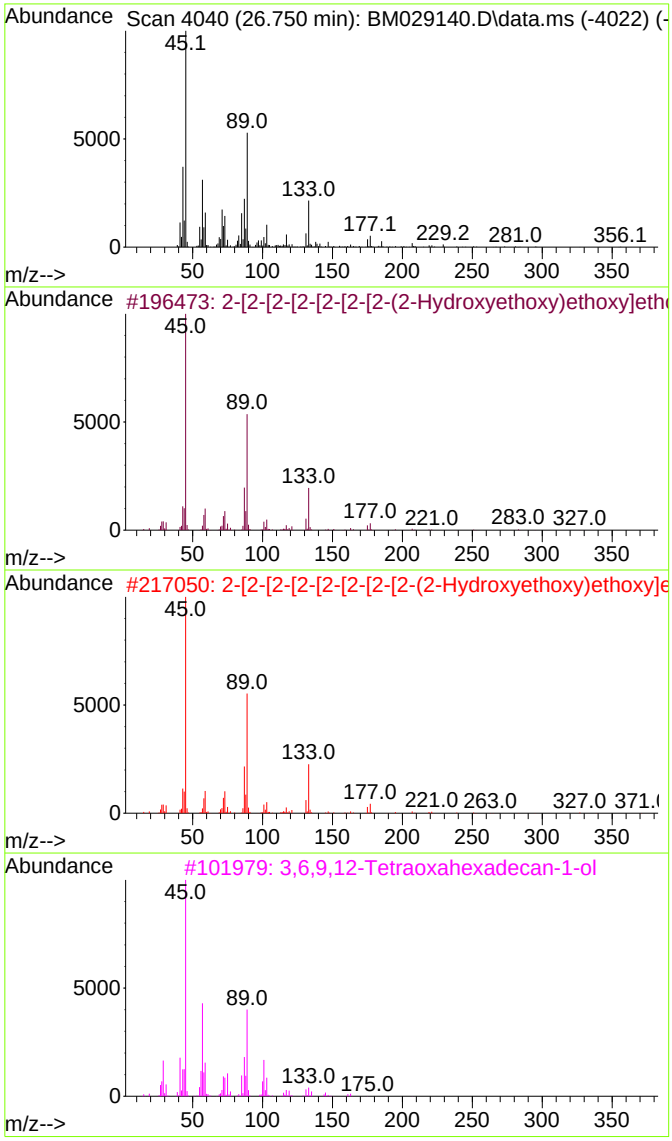
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

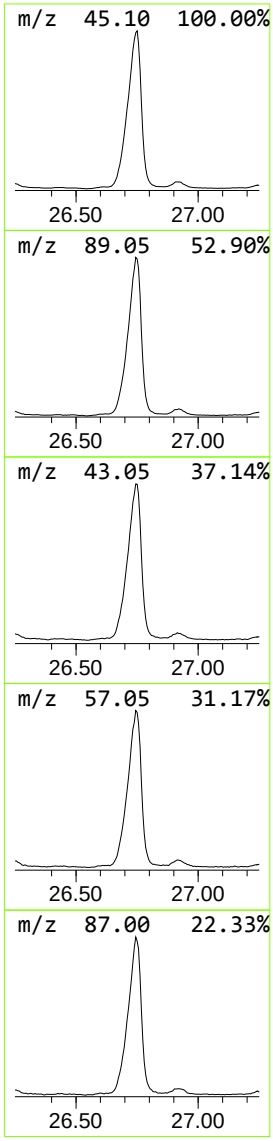
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-[2-[2-[2-[2-[2-(2-Methoxy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.750	392.63 ng	3110750	Perylene-d12	23.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	91
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	90
3	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	86
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	83
5	2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	1000352-04-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

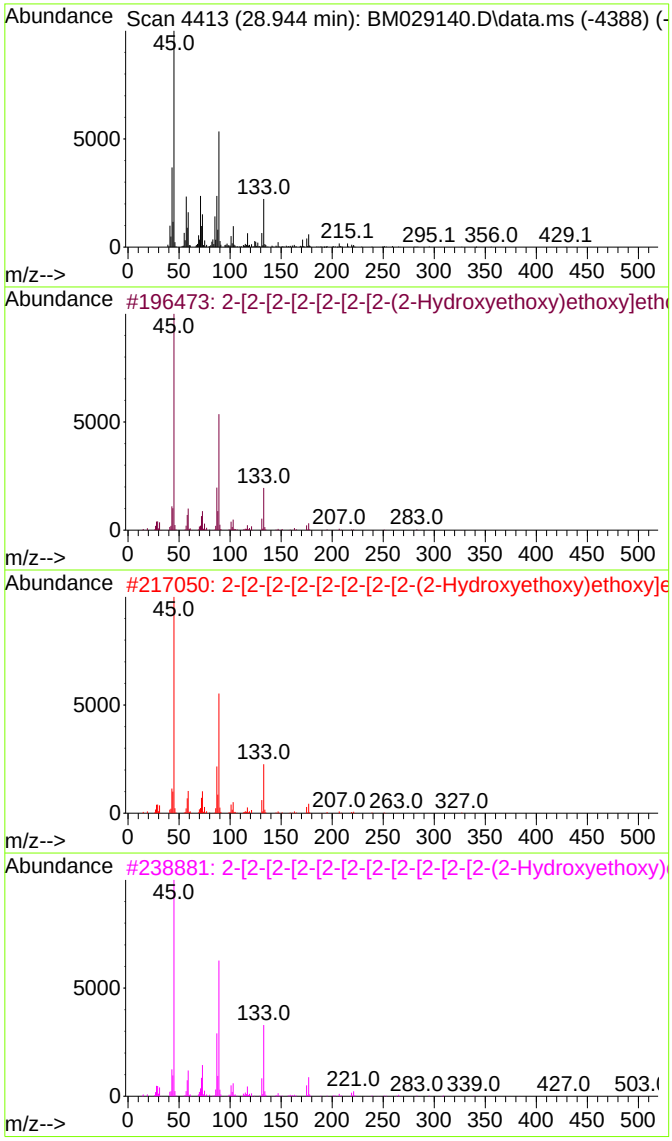
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

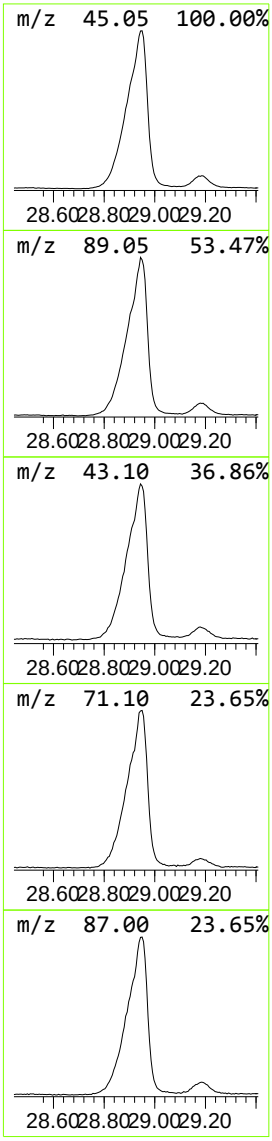
****

Peak Number 20 unknown28.944 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.944	407.50 ng	3228550	Perylene-d12	23.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	87
3	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	87
4	Heptaethylene glycol monododecyl...	494	C26H54O8	003055-97-8	83
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029140.D
Acq On : 15 Mar 2021 21:15
Operator : CG/JU
Sample : M1666-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1858

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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
Oxalic acid, al...	13.269	308.1	ng	1783000	3	14.286	115738	20.0
Methoxyacetic a...	15.957	455.2	ng	3159250	4	17.039	138805	20.0
Diethylene glyc...	16.756	127.7	ng	886183	4	17.039	138805	20.0
Hexaethylene gl...	18.039	818.4	ng	5679950	4	17.039	138805	20.0
Triethylene gly...	18.692	268.9	ng	1866140	4	17.039	138805	20.0
Pentaethylene g...	19.721	598.0	ng	7448590	5	21.221	249137	20.0
Pentaethylene g...	20.227	241.5	ng	3008720	5	21.221	249137	20.0
3,6,9,12,15-Pen...	20.709	116.6	ng	1452500	5	21.221	249137	20.0
2-[2-[2-[2-[2-[...	21.062	672.2	ng	8374020	5	21.221	249137	20.0
2-[2-[2-[2-[2-[...	21.480	327.4	ng	4078250	5	21.221	249137	20.0
Heptaethylene g...	21.892	133.0	ng	1656820	5	21.221	249137	20.0
2-[2-[2-[2-[2-[...	22.238	649.3	ng	8088730	5	21.221	249137	20.0
Hexaethylene gl...	22.709	539.2	ng	4272070	6	23.362	158456	20.0
3,6,9,12-Tetrao...	23.227	201.8	ng	1598830	6	23.362	158456	20.0
2-[2-[2-[2-[2-[...	23.686	943.5	ng	7474730	6	23.362	158456	20.0
unknown24.338	24.338	509.0	ng	4032510	6	23.362	158456	20.0
2-[2-[2-[2-[2-[...	25.085	175.8	ng	1392920	6	23.362	158456	20.0
Heptaethylene g...	25.762	695.8	ng	5512810	6	23.362	158456	20.0
2-[2-[2-[2-[2-[...	26.750	392.6	ng	3110750	6	23.362	158456	20.0
unknown28.944	28.944	407.5	ng	3228550	6	23.362	158456	20.0