LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047321.D
Acq On : 22 Aug 2024 17:50
Operator : RC/JU
Sample : P3671-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047321.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.257	60	63	76	rVB	144909	218406	2.87%	0.283%
2	4.563	277	285	295	rBV	193298	274684	3.61%	0.356%
3	5.010	355	361	373	rBV	2623062	3817596	50.12%	4.941%
4	6.569	615	626	644	rBV	2607025	4240193	55.67%	5.488%
5	7.351	750	759	769	rBV	1025449	1555470	20.42%	2.013%
6	7.651	801	810	817	rBV	832608	1255946	16.49%	1.626%
7	8.210	899	905	913	rVB	91981	137310	1.80%	0.178%
8	8.457	941	947	948	rBV	76793	88257	1.16%	0.114%
9	8.498	948	954	967	rVB	1769234	2895257	38.01%	3.748%
10	9.081	1048	1053	1061	rVB	64545	102382	1.34%	0.133%
11	10.104	1220	1227	1234	rBV	1270167	2111076	27.71%	2.733%
12	10.686	1314	1326	1335	rBV6	35744	95470	1.25%	0.124%
13	10.869	1351	1357	1372	rBV	124243	363531	4.77%	0.471%
14	12.616	1647	1654	1663	rBV	3927688	5825075	76.47%	7.540%
15	13.321	1770	1774	1781	rVB3	58055	83534	1.10%	0.108%
16	13.863	1859	1866	1870	rBV2	50514	78462	1.03%	0.102%
17	14.010	1885	1891	1899	rBV	1943674	2916765	38.29%	3.775%
18	14.268	1925	1935	1941	rBV4	311711	580408	7.62%	0.751%
19	14.345	1943	1948	1955	rVB	77079	115132	1.51%	0.149%
20	14.492	1964	1973	1979	rBV10	50512	128380	1.69%	0.166%
21	15.221	2094	2097	2103	rVB5	47992	77550	1.02%	0.100%
22	15.404	2120	2128	2130	rBV7	47717	95049	1.25%	0.123%
23	15.521	2142	2148	2159	rVV	3426128	5152411	67.64%	6.669%
24	15.610	2159	2163	2173	rVB6	77607	164214	2.16%	0.213%
25	15.762	2183	2189	2193	rBV	257101	365465	4.80%	0.473%
26	15.998	2225	2229	2234	rBV3	55380	87534	1.15%	0.113%
27	16.215	2260	2266	2273	rBV4	66697	149433	1.96%	0.193%
28	16.345	2282	2288	2295	rBV2	149152	299352	3.93%	0.387%
29	16.439	2299	2304	2311	rVV	150082	218125	2.86%	0.282%
30	16.774	2348	2361	2367	rBV	2449062	3960473	51.99%	5.126%
31	16.898	2378	2382	2391	rVB4	94575	172191	2.26%	0.223%
32	16.980	2391	2396	2402	rBV3	288231	578512	7.59%	0.749%
33	17.068	2408	2411	2415	rVB5	66640	93892	1.23%	0.122%
34	17.492	2478	2483	2484	rBV4	62732	89069	1.17%	0.115%
35	17.539	2486	2491	2507	rVB2	427636	1036806	13.61%	1.342%
36	17.680	2509	2515	2518	rBV	672382	1026617	13.48%	1.329%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047321.D
Acq On : 22 Aug 2024 17:50
Operator : RC/JU
Sample : P3671-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.715	2518	2521	2526	rVB	809126	972360	12.77%	1.259%
38	17.821	2535	2539	2548	rVB5	205046	329943	4.33%	0.427%
39	18.639	2674	2678	2686	rVV2	168624	281267	3.69%	0.364%
40	18.727	2690	2693	2699	rVB3	73066	97362	1.28%	0.126%
41	18.856	2710	2715	2719	rBV	249877	363088	4.77%	0.470%
42	18.939	2727	2729	2735	rVB	81070	103080	1.35%	0.133%
43	19.015	2737	2742	2750	rBV	269440	396031	5.20%	0.513%
44	19.221	2773	2777	2782	rVB	173344	210476	2.76%	0.272%
45	19.274	2783	2786	2794	rVB3	72912	120359	1.58%	0.156%
46	19.368	2798	2802	2806	rBV	205160	294923	3.87%	0.382%
47	19.445	2810	2815	2825	rVB	6039147	7617182	100.00%	9.860%
48	19.592	2836	2840	2847	rVB	269915	307388	4.04%	0.398%
49	19.756	2864	2868	2871	rBV2	183864	283232	3.72%	0.367%
50	19.833	2878	2881	2886	rBV	149880	196885	2.58%	0.255%
51	19.892	2887	2891	2899	rVB	243691	366527	4.81%	0.474%
52	20.109	2925	2928	2933	rBV3	89327	114078	1.50%	0.148%
53	20.750	3033	3037	3049	rBV	1868799	2777798	36.47%	3.596%
54	21.015	3077	3082	3087	rBV	2538722	3521581	46.23%	4.558%
55	21.074	3089	3092	3101	rVB2	296015	466895	6.13%	0.604%
56	21.439	3151	3154	3161	rVB2	180666	308997	4.06%	0.400%
57	21.762	3202	3209	3221	rVB	2156487	4559245	59.85%	5.901%
58	22.156	3271	3276	3284	rBV2	274074	539895	7.09%	0.699%
59	22.603	3349	3352	3361	rVB2	185363	328985	4.32%	0.426%
60	22.980	3410	3416	3421	rBV	846746	1495274	19.63%	1.935%
61	23.038	3421	3426	3439	rVB	824845	2025183	26.59%	2.621%
62	23.709	3533	3540	3554	rVB	1352095	3274525	42.99%	4.238%
63	24.168	3614	3618	3628	rVB2	307814	702741	9.23%	0.910%
64	24.662	3695	3702	3711	rVB	508200	1323415	17.37%	1.713%
65	24.780	3714	3722	3738	rVV2	630695	2149403	28.22%	2.782%
66	26.379	3988	3994	4005	rVB3	435299	1278551	16.79%	1.655%

Sum of corrected areas: 77256696

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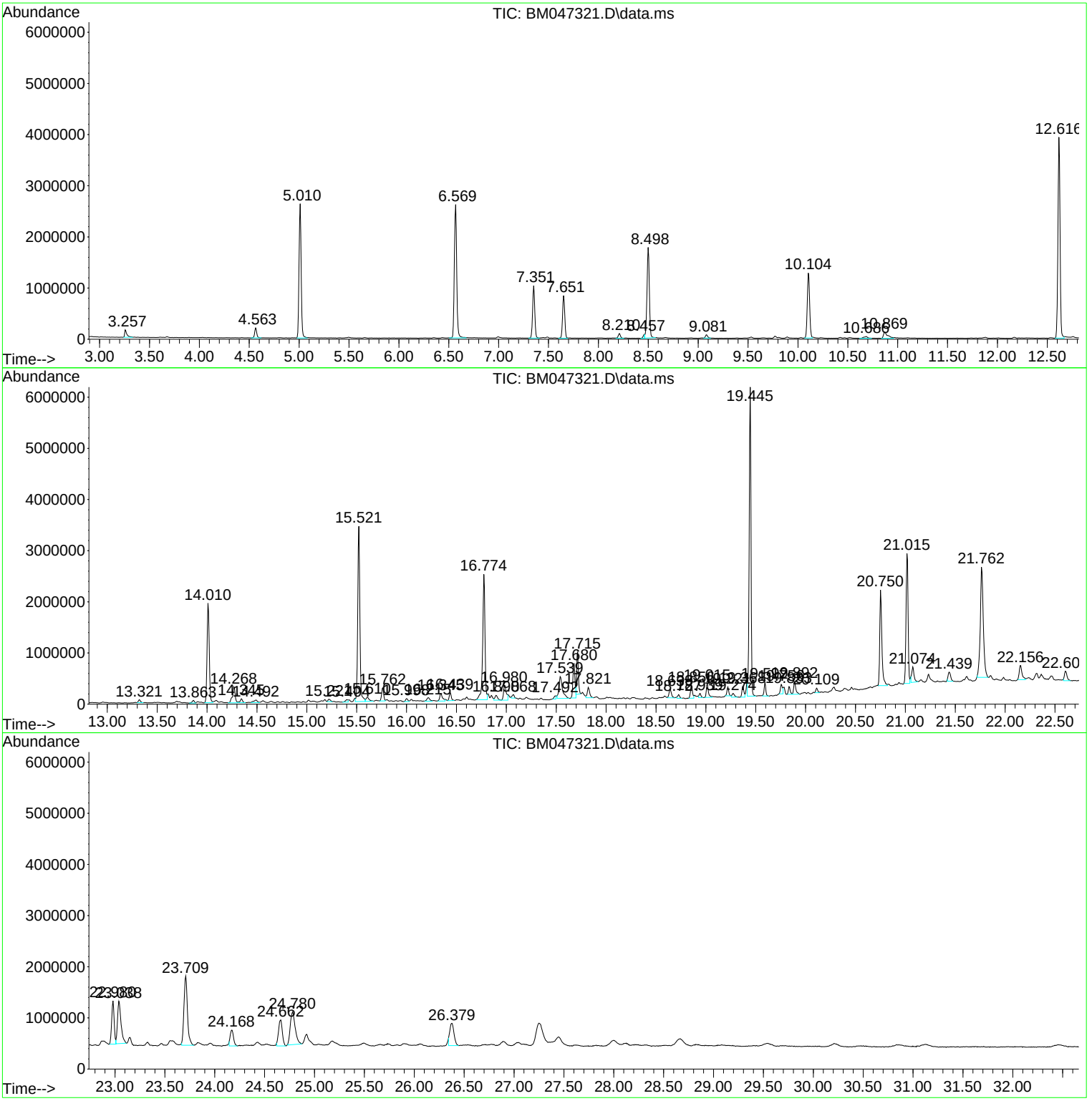
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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\BM082224\
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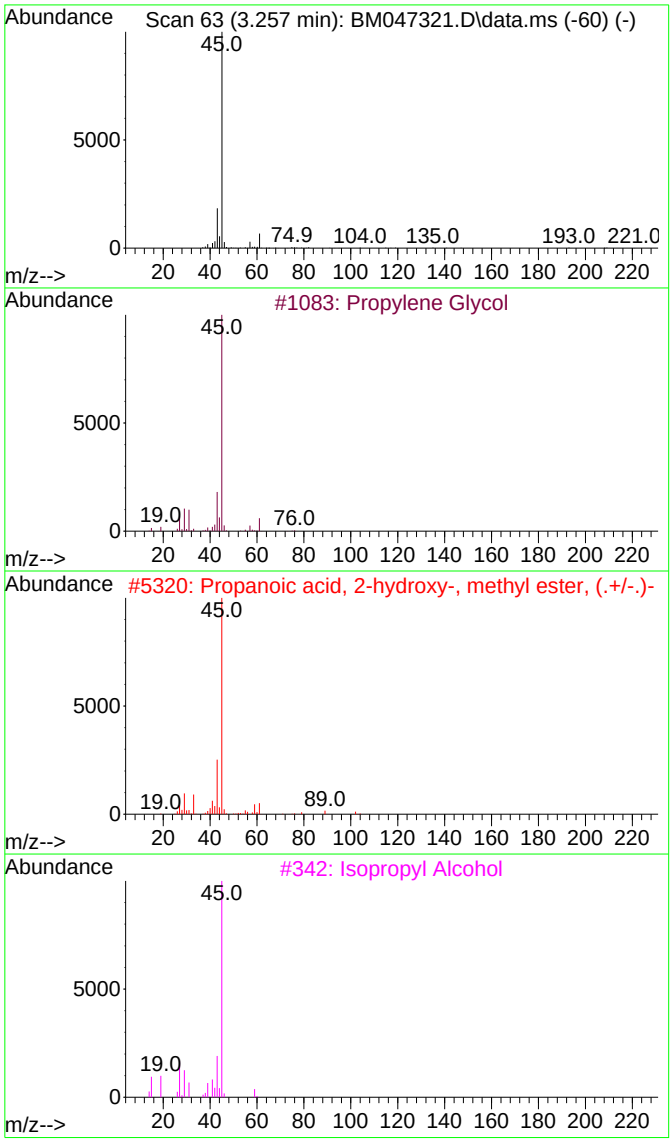
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

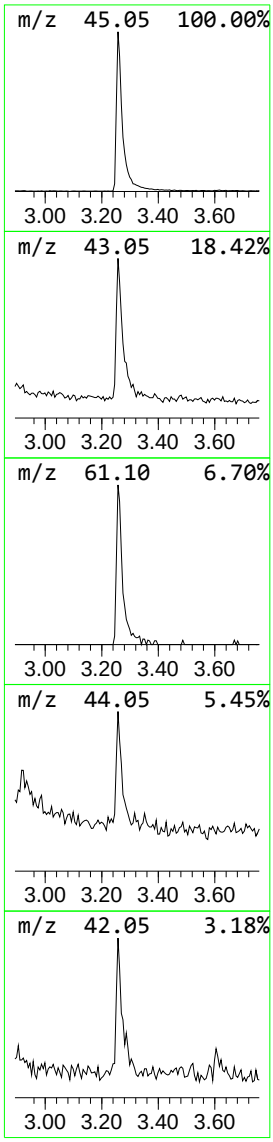
****

Peak Number 1 Propylene Glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.257	2.81 ng	218406	1,4-Dichlorobenzene-d4	7.351

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	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	32
5	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047321.D
Acq On : 22 Aug 2024 17:50
Operator : RC/JU
Sample : P3671-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

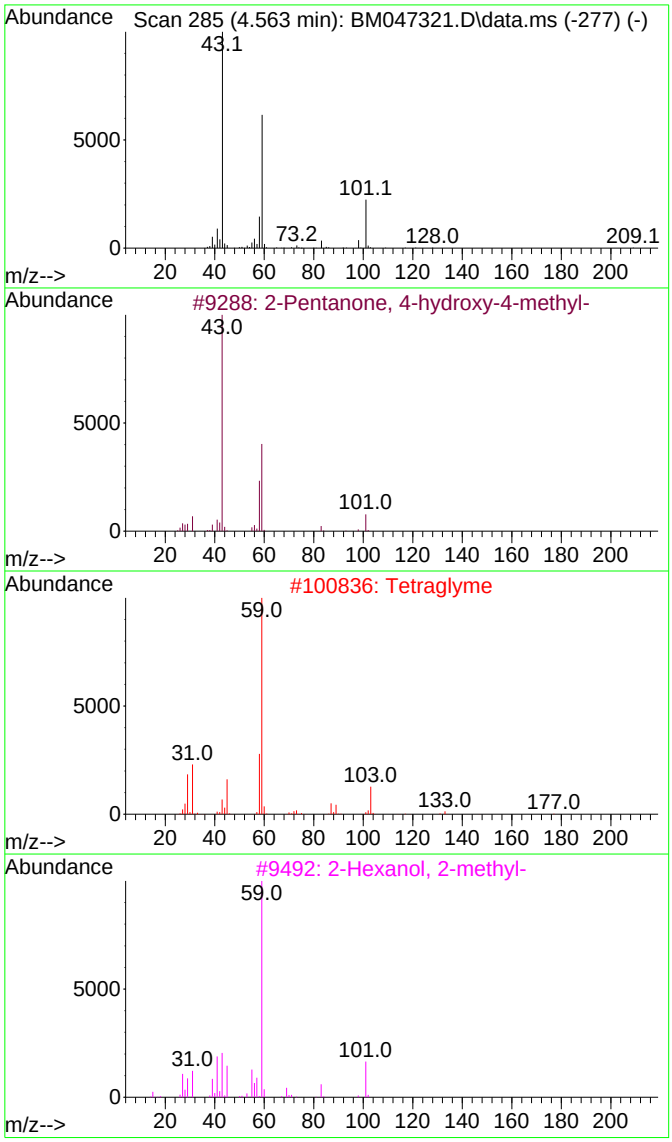
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

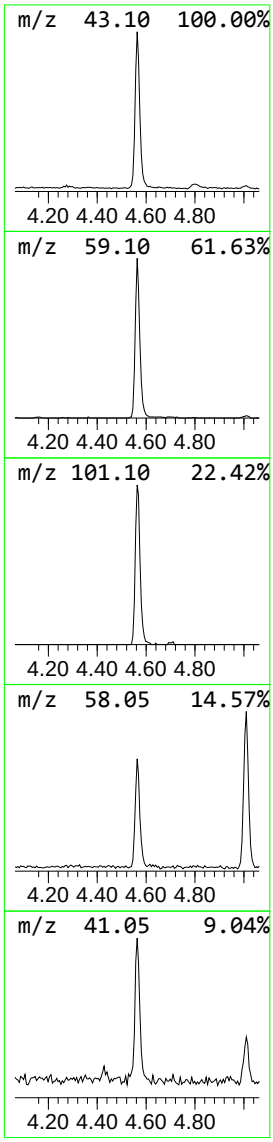
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.563	3.53 ng	274684	1,4-Dichlorobenzene-d4	7.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Tetraglyme	222	C10H22O5	000143-24-8	25
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
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Sample : P3671-04
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

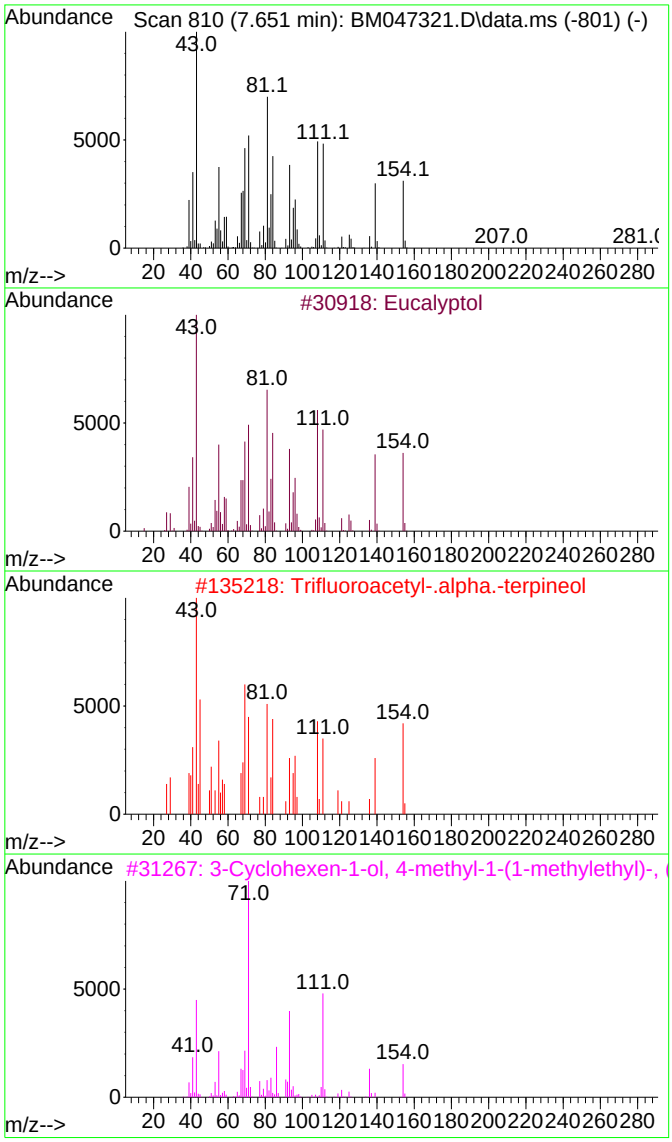
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

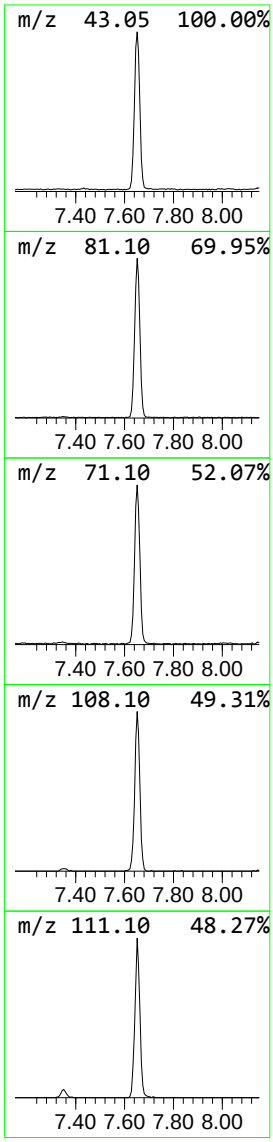
****

Peak Number 3 Eucalyptol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.651	16.15 ng	1255950	1,4-Dichlorobenzene-d4	7.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	43
3	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	35
4	2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	22
5	2-Acetylcyclopentanone	126	C7H10O2	001670-46-8	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047321.D
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Operator : RC/JU
Sample : P3671-04
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Instrument :
BNA_M
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S-911-KI-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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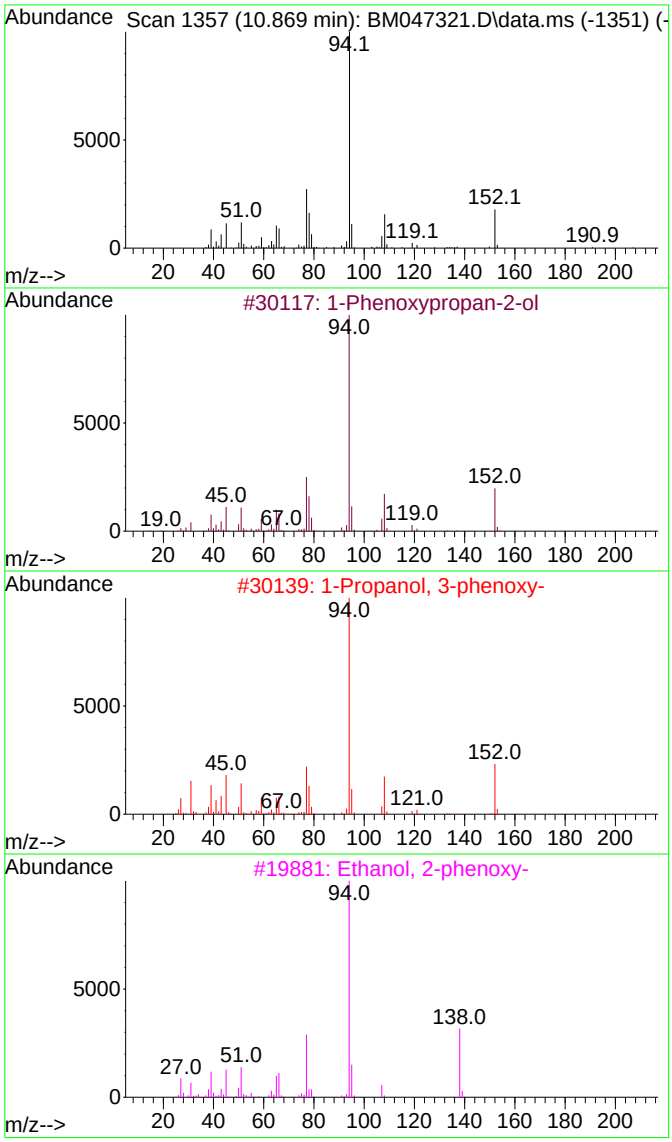
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

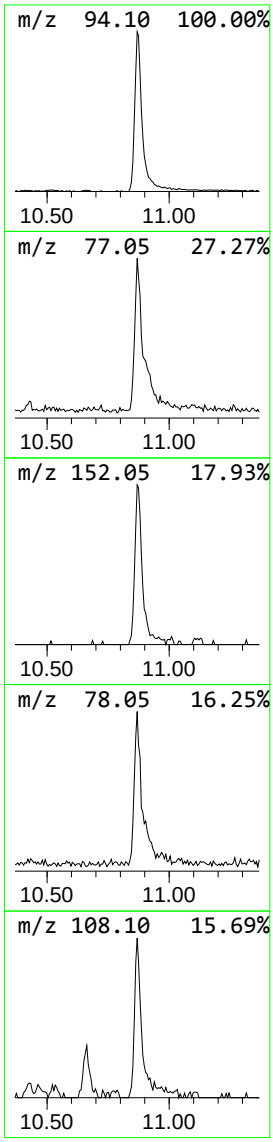
****

Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	3.44 ng	363531	Naphthalene-d8	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
4	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	59
5	Carbonic acid, ethyl phenyl ester	166	C9H10O3	003878-46-4	53





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Data File : BM047321.D
Acq On : 22 Aug 2024 17:50
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Sample : P3671-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

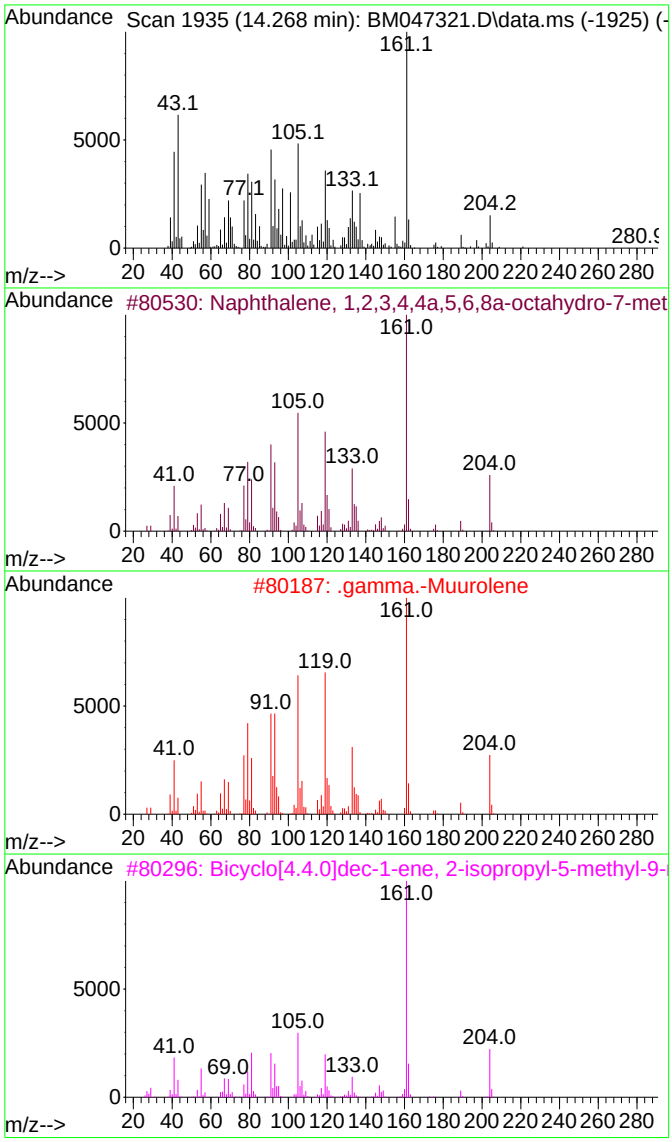
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

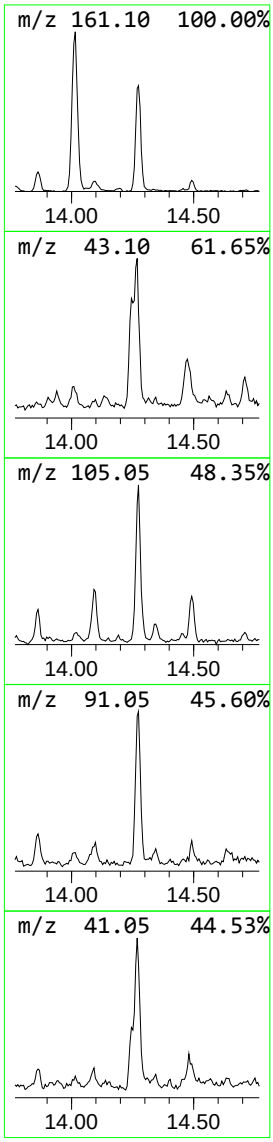
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	3.98 ng	580408	Acenaphthene-d10	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	95
2	.gamma.-Muurolene	204	C15H24	030021-74-0	95
3	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	87
4	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	70
5	(1S,4aR,8aS)-1-Isopropyl-7-methy...	204	C15H24	006980-46-7	59





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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

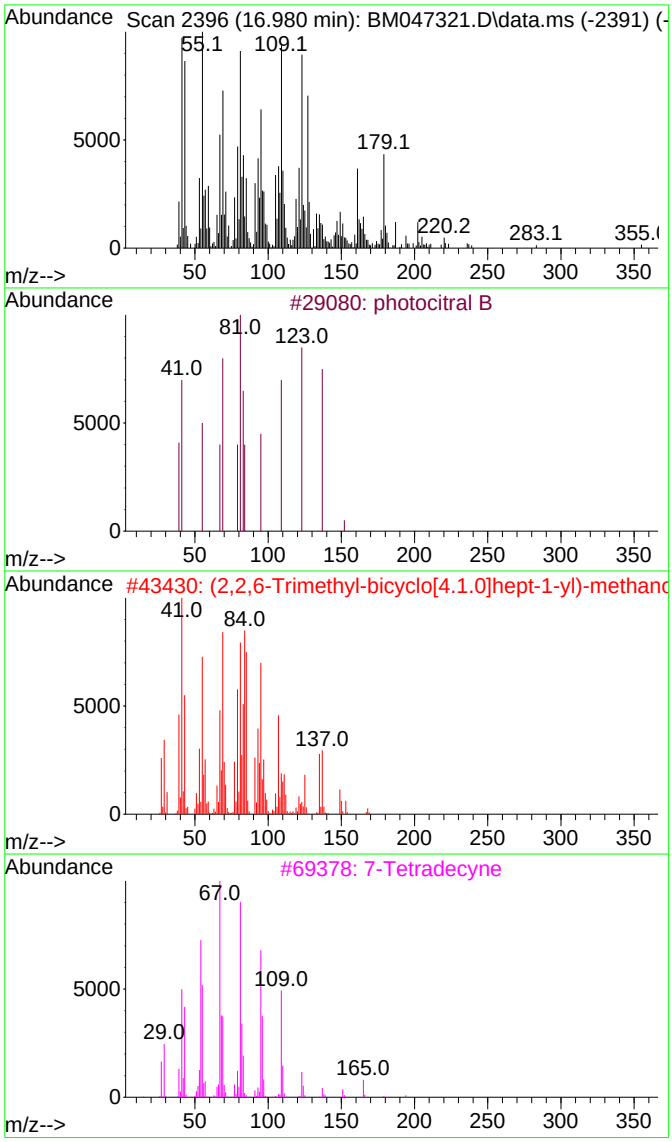
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

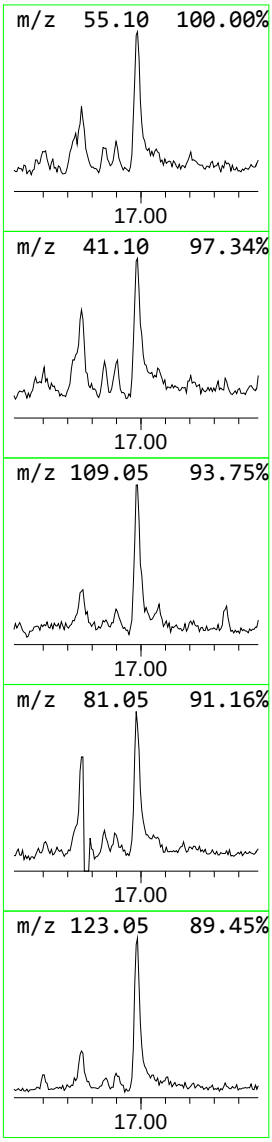
****

Peak Number 6 photocitral B Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	2.92 ng	578512	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	photocitral B	152	C10H16O	006040-45-5	53
2	(2,2,6-Trimethyl-bicyclo[4.1.0]h...	168	C11H20O	078996-11-9	41
3	7-Tetradecyne	194	C14H26	035216-11-6	30
4	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	25
5	Ethanol, 2-(9,12-octadecadienylo...	310	C20H38O2	017367-08-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047321.D
Acq On : 22 Aug 2024 17:50
Operator : RC/JU
Sample : P3671-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

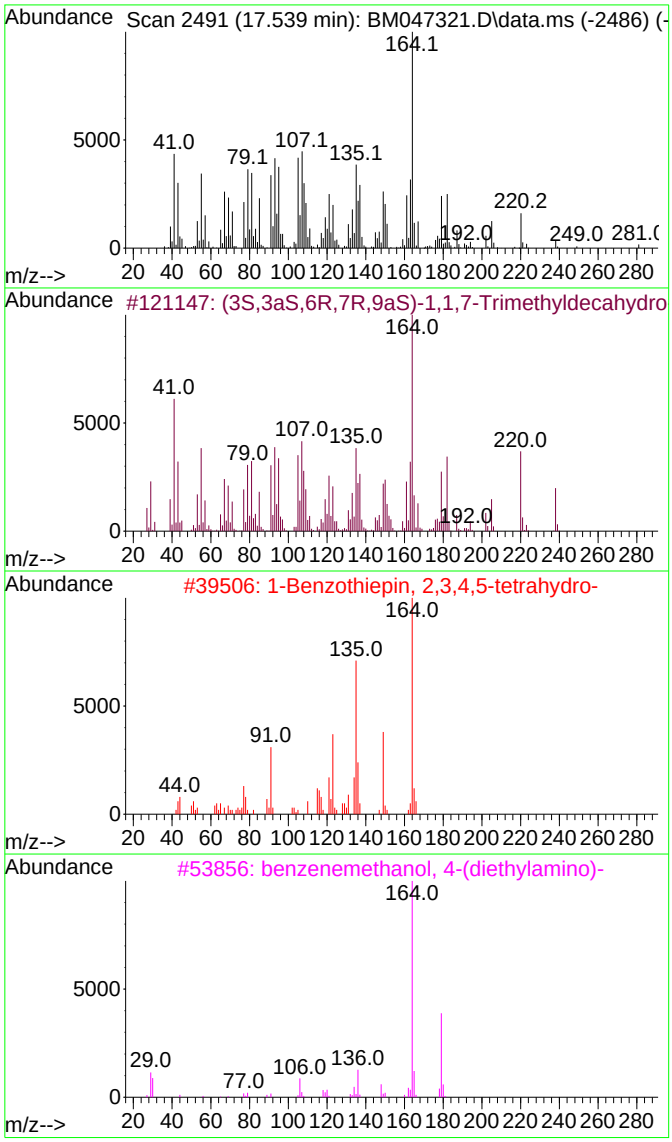
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

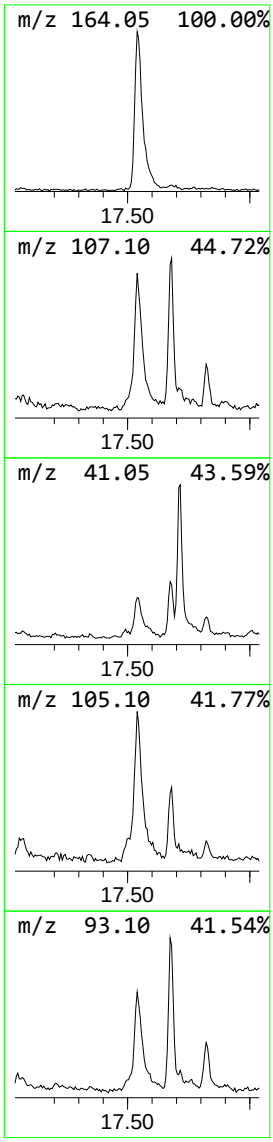
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (3S,3aS,6R,7R,9aS)-1,1,7-Tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.539	5.24 ng	1036810	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3S,3aS,6R,7R,9aS)-1,1,7-Trimeth...	238	C15H26O2	002649-64-1	99
2	1-Benzothiepin, 2,3,4,5-tetrahydro-	164	C10H12S	004370-78-9	38
3	benzenemethanol, 4-(diethylamino)-	179	C11H17NO	1000404-81-9	38
4	Benzene, 1-(allyloxy)-3-methoxy-	164	C10H12O2	037592-19-1	38
5	3-Oxabicyclo[4.2.0]oct-5-ene, en...	164	C11H16O	1000142-20-1	38





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Acq On : 22 Aug 2024 17:50
Operator : RC/JU
Sample : P3671-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-911-KI-SO-0.5-1-081924

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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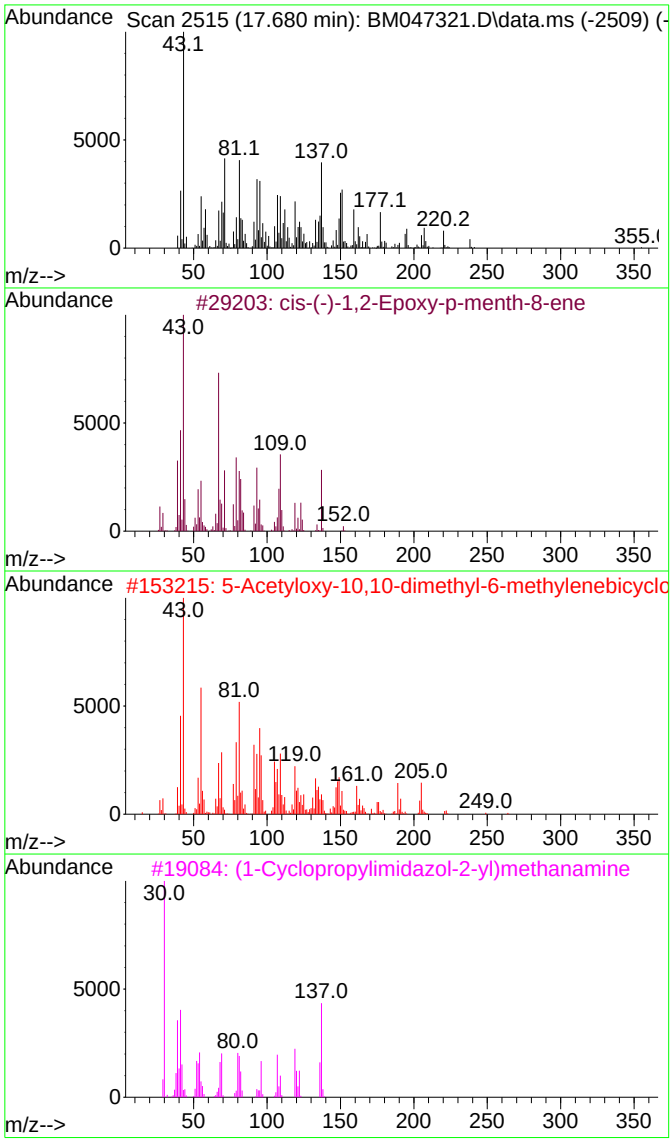
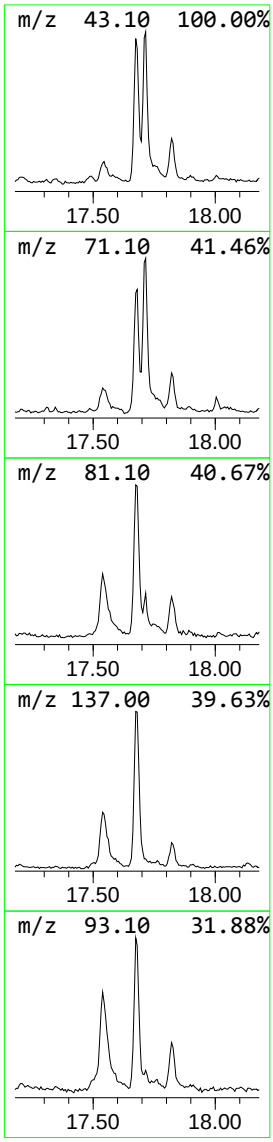
Peak Number 8 unknown17.680 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	5.18 ng	1026620	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-(-)-1,2-Epoxy-p-menth-8-ene	152	C10H16O	032543-51-4	27
2	5-Acetyloxy-10,10-dimethyl-6-met...	264	C16H24O3	1000511-70-7	22
3	(1-Cyclopropylimidazol-2-yl)meth...	137	C7H11N3	1000444-19-0	18
4	Acetic acid, 1-methyl-3-(2,2,6-t...	250	C16H26O2	1010192-25-5	16
5	Ethyl 2-(bromomethyl)acrylate	192	C6H9BrO2	017435-72-2	15





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ClientSampleId :
S-911-KI-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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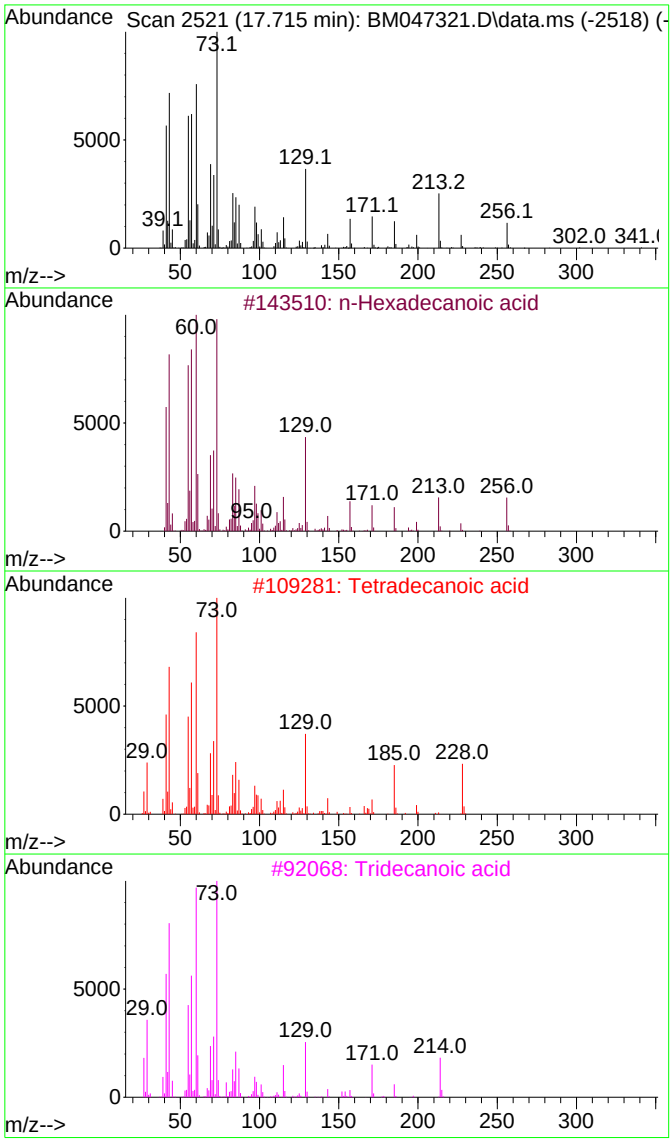
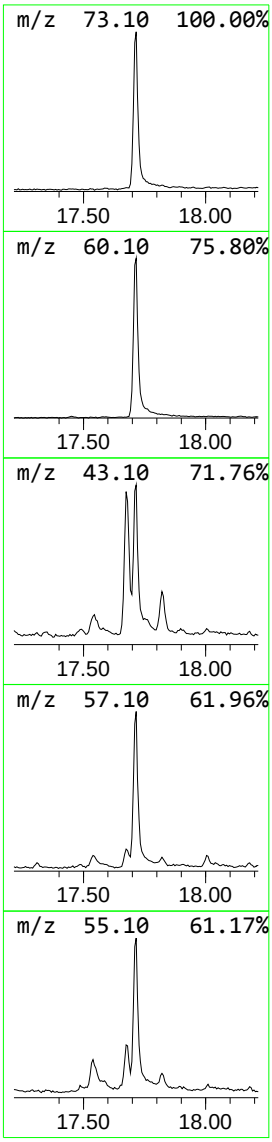
Peak Number 9 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.715	4.91 ng	972360	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





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BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

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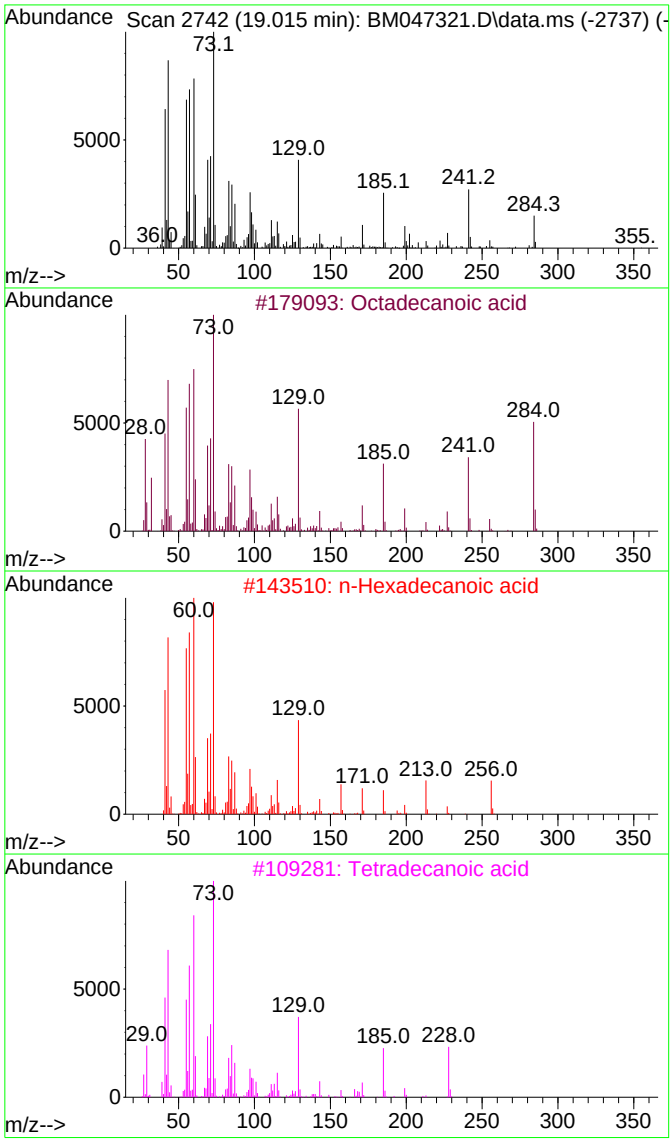
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

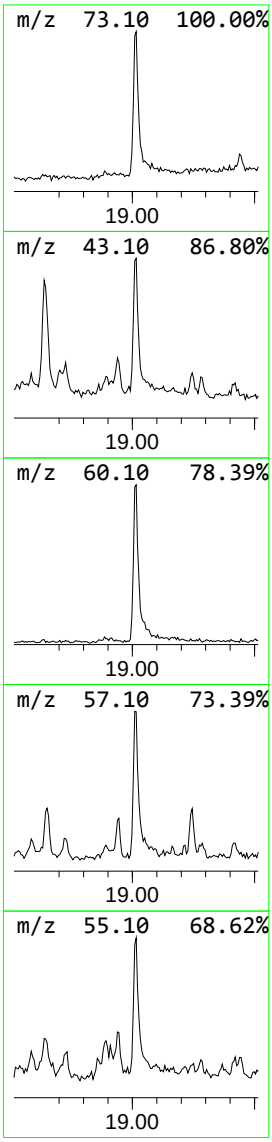
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.015	2.25 ng	396031	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Sample : P3671-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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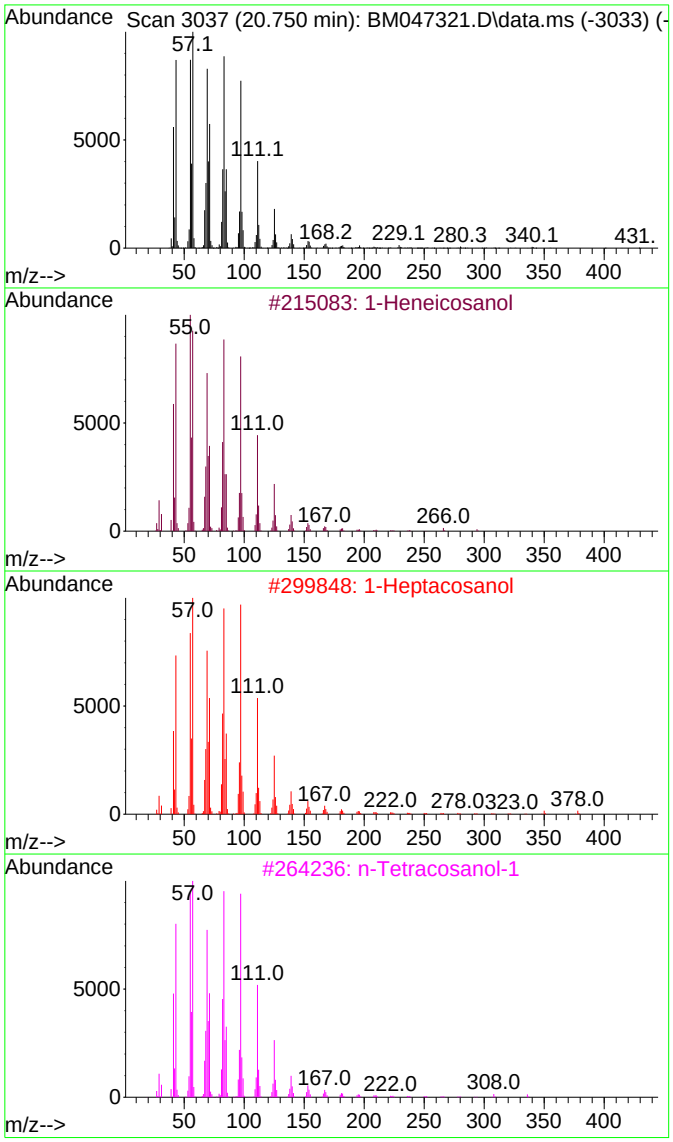
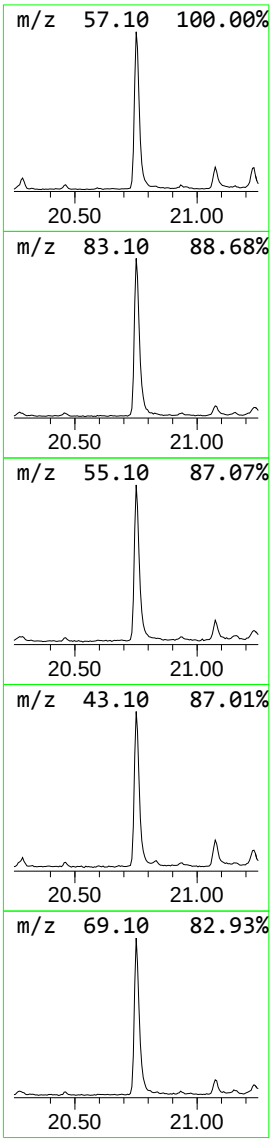
Peak Number 11 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.750	15.78 ng	2777800	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Misc :
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ClientSampleId :
S-911-KI-SO-0.5-1-081924

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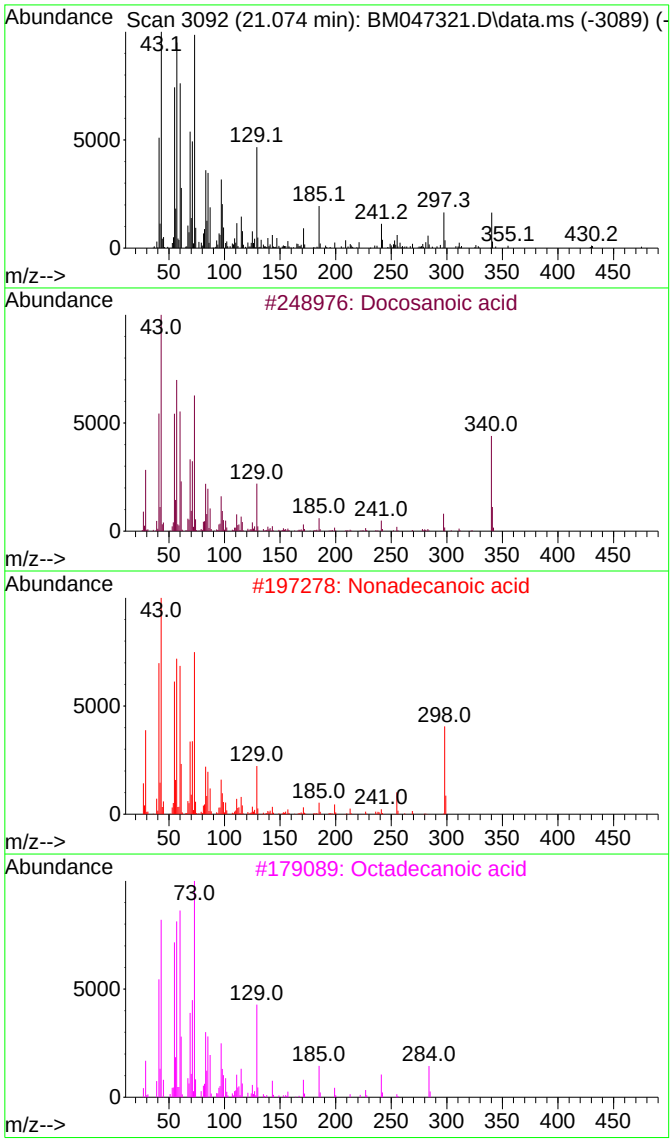
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

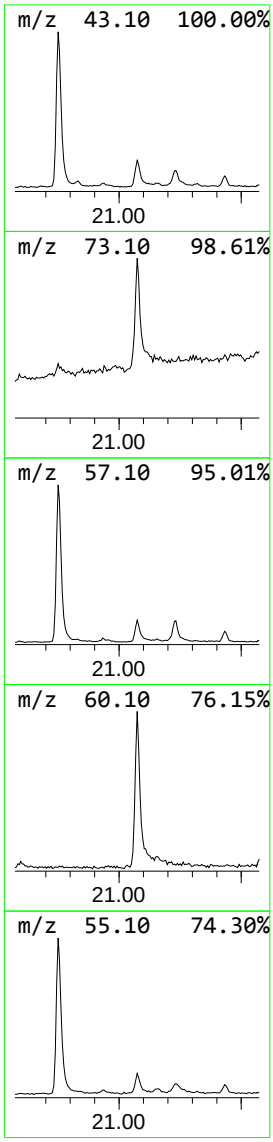
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Docosanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	2.65 ng	466895	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid	340	C22H44O2	000112-85-6	99
2	Nonadecanoic acid	298	C19H38O2	000646-30-0	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	52
5	Heneicosanoic acid	326	C21H42O2	002363-71-5	52





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Instrument :
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ClientSampleId :
S-911-KI-SO-0.5-1-081924

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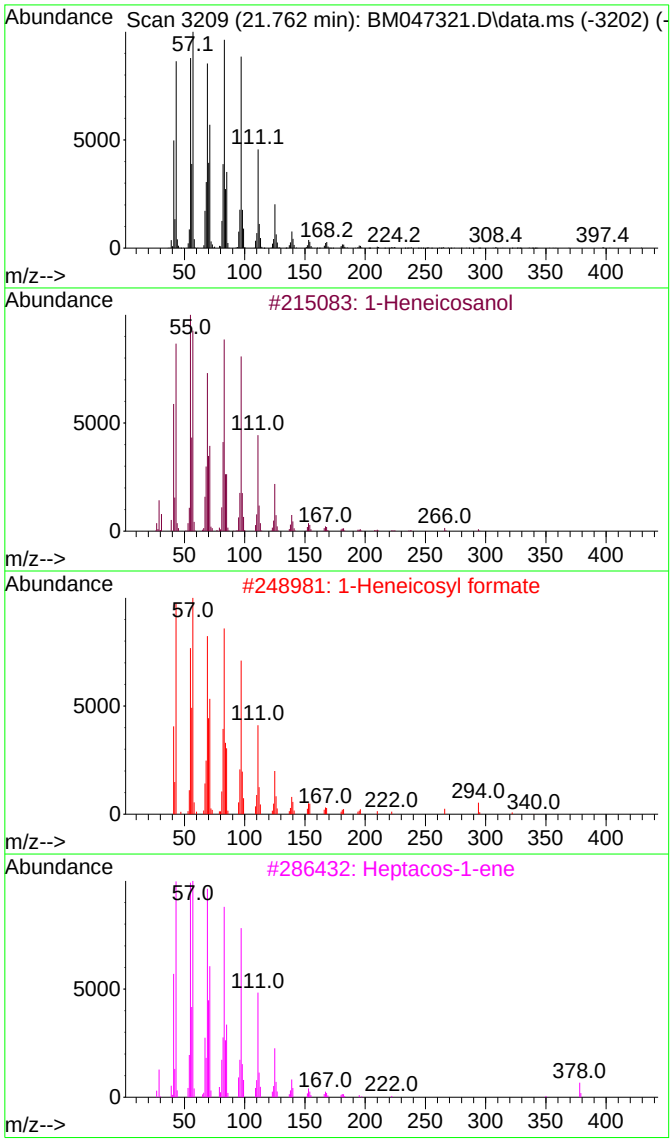
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

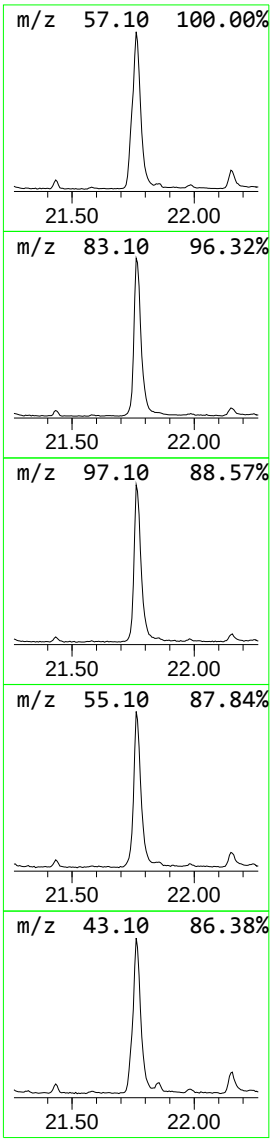
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.762	25.89 ng	4559250	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Heptacos-1-ene	378	C27H54	015306-27-1	94
4	Nonacos-1-ene	406	C29H58	018835-35-3	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





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Instrument :
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ClientSampleId :
S-911-KI-SO-0.5-1-081924

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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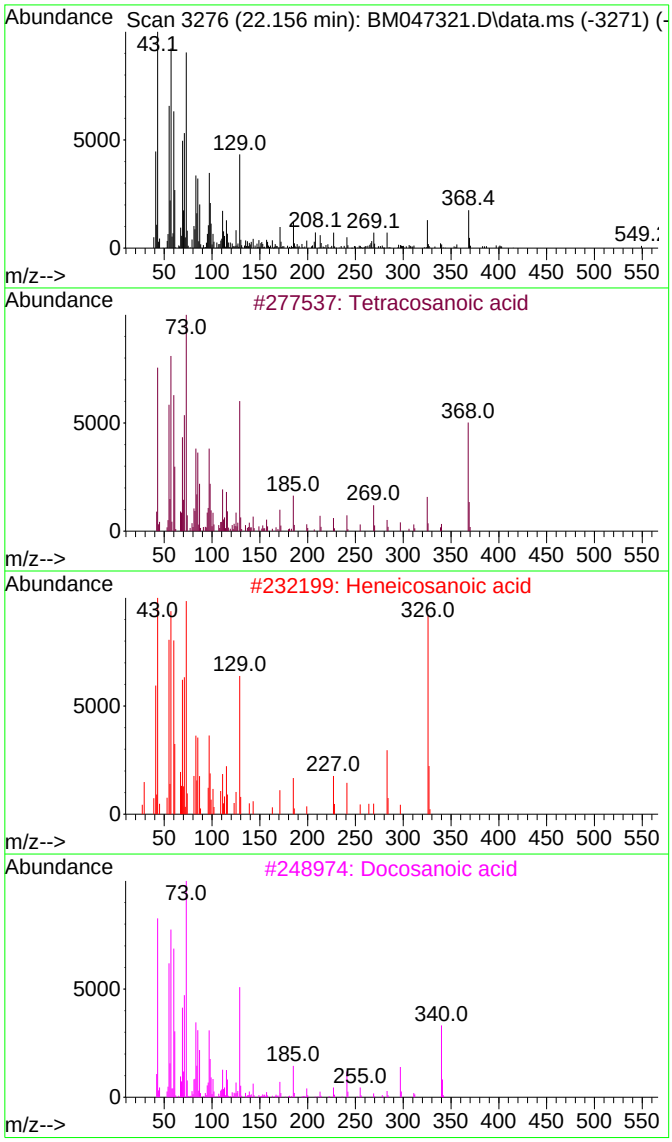
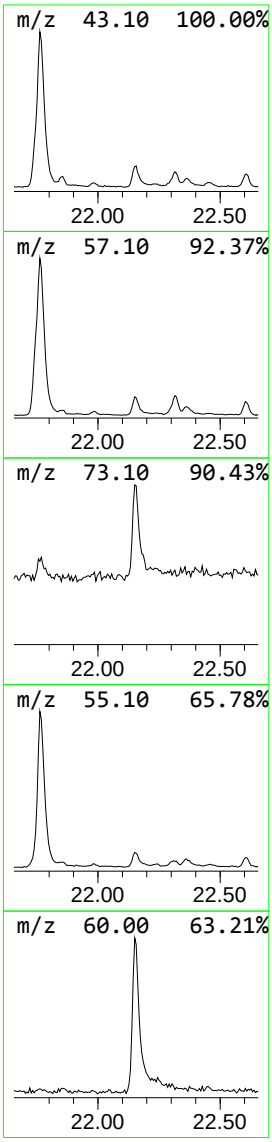
Peak Number 14 Tetracosanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.156	3.07 ng	539895	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2	Heneicosanoic acid	326	C21H42O2	002363-71-5	97
3	Docosanoic acid	340	C22H44O2	000112-85-6	95
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	50
5	Octadecanoic acid	284	C18H36O2	000057-11-4	50





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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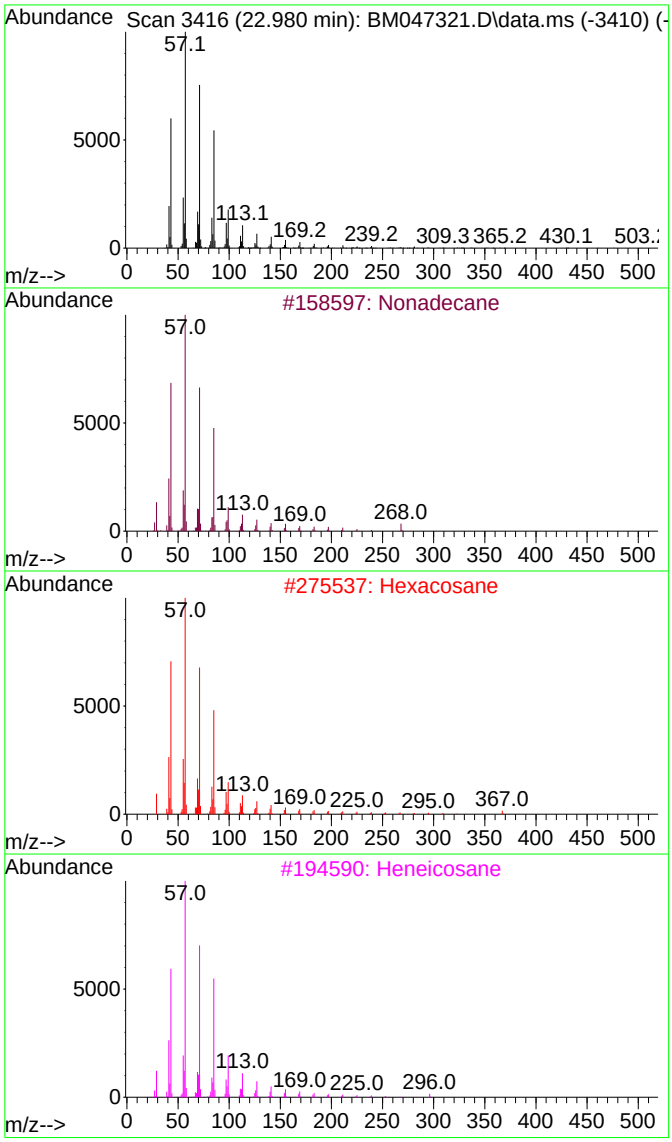
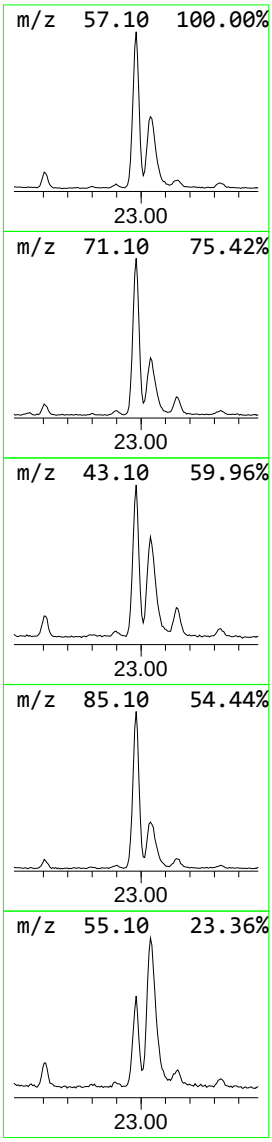
Peak Number 15 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.980	9.13 ng	1495270	Perylene-d12	23.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5	Eicosane	282	C20H42	000112-95-8	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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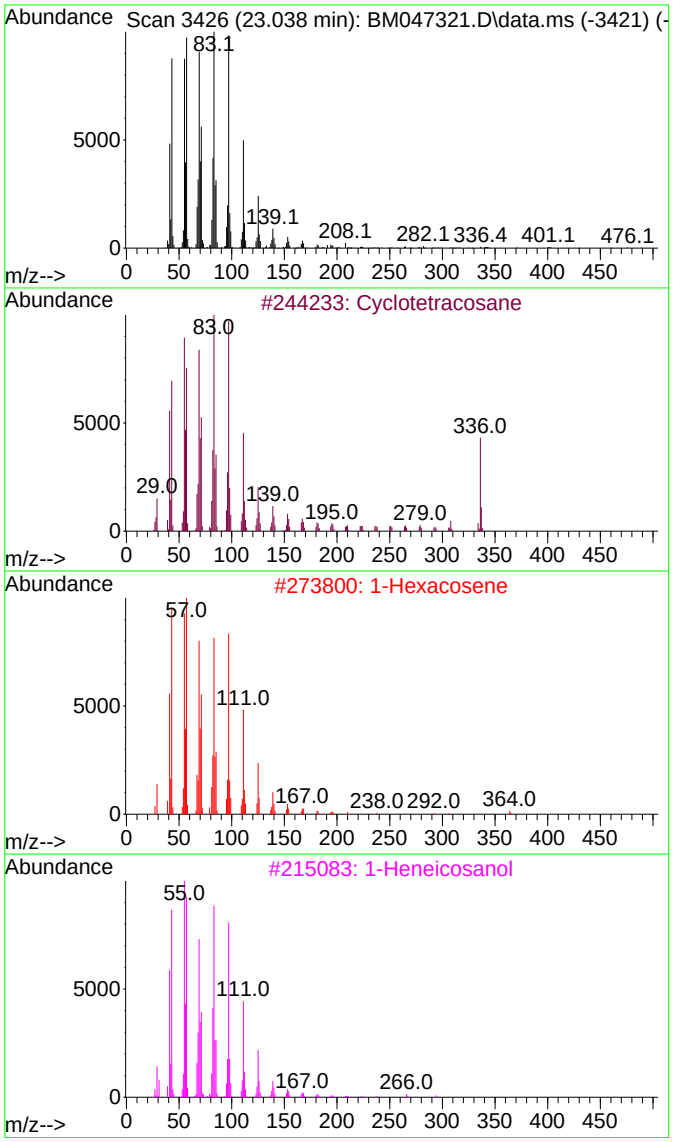
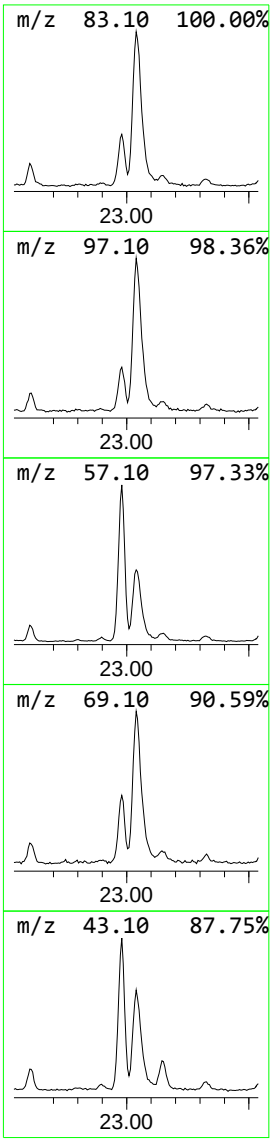
Peak Number 16 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.038	12.37 ng	2025180	Perylene-d12	23.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Octacosanol	410	C28H58O	000557-61-9	95
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





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S-911-KI-SO-0.5-1-081924

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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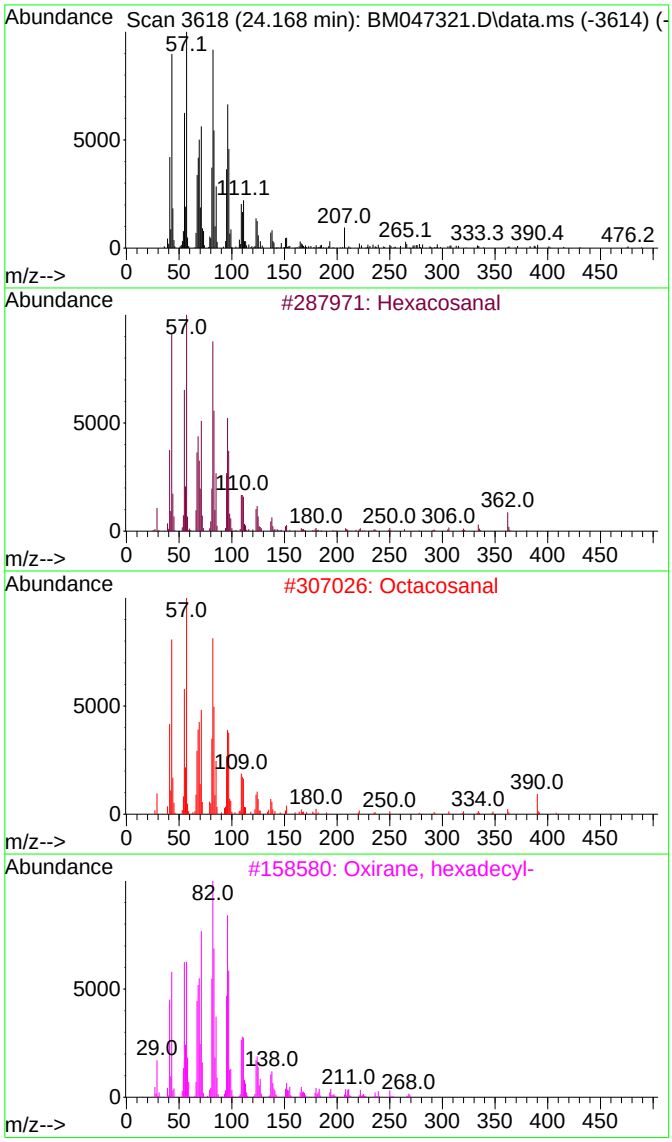
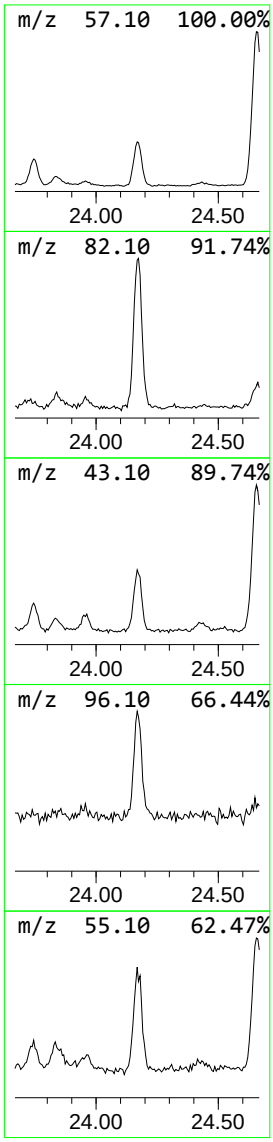
Peak Number 17 Hexacosanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.168	4.29 ng	702741	Perylene-d12	23.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanal	380	C26H52O	026627-85-0	94
2	Octacosanal	408	C28H56O	022725-64-0	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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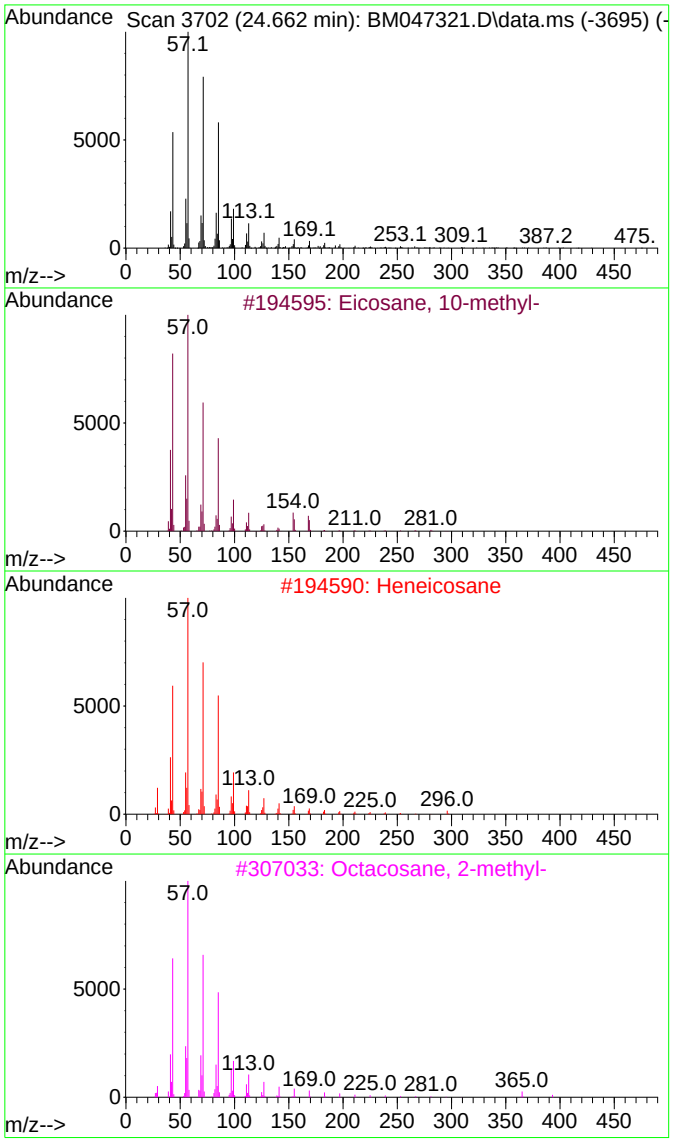
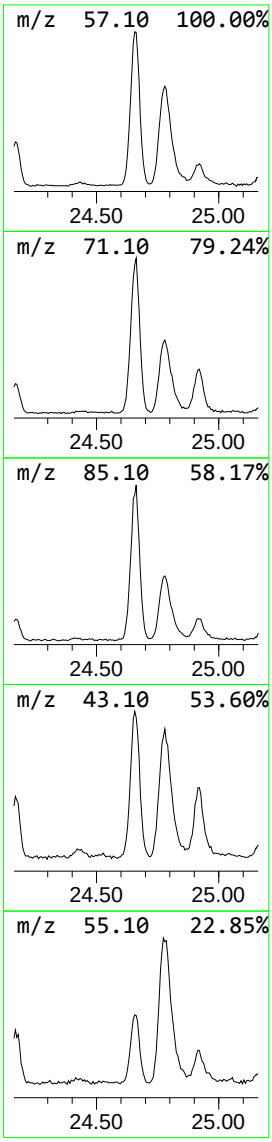
Peak Number 18 Eicosane, 10-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.662	8.08 ng	1323420	Perylene-d12	23.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Octadecane	254	C18H38	000593-45-3	90





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Sample : P3671-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

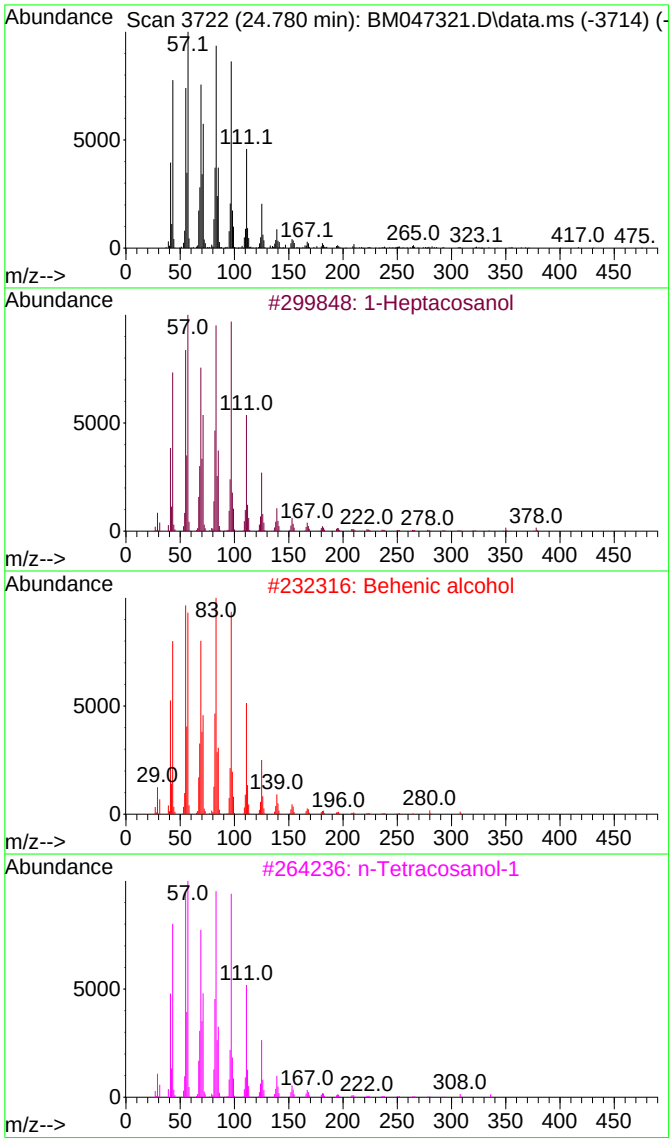
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

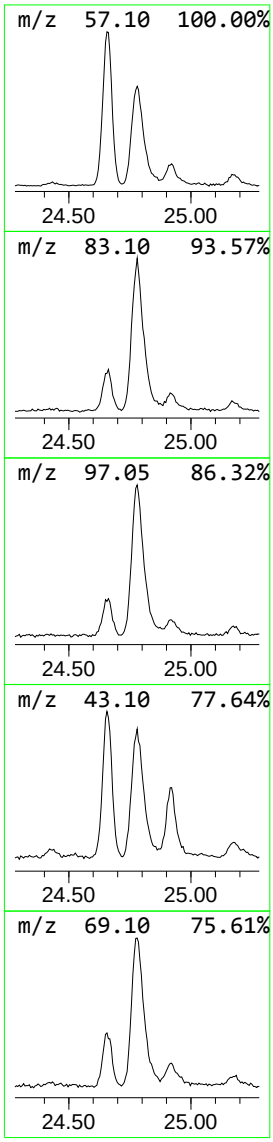
****

Peak Number 19 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.779	13.13 ng	2149400	Perylene-d12	23.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047321.D
Acq On : 22 Aug 2024 17:50
Operator : RC/JU
Sample : P3671-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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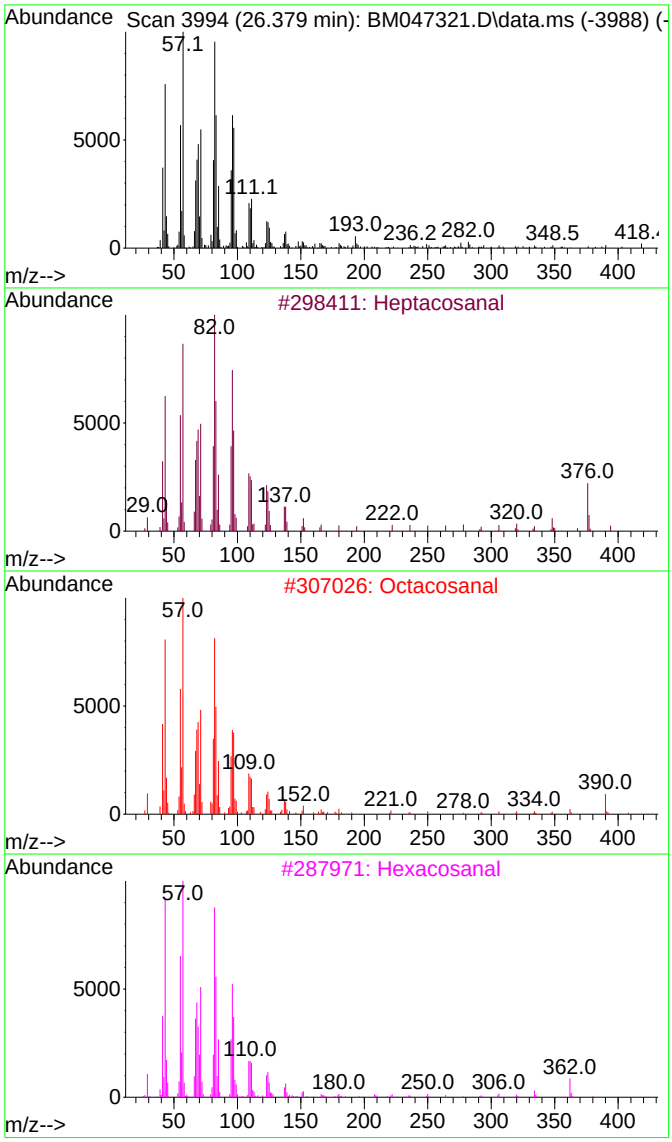
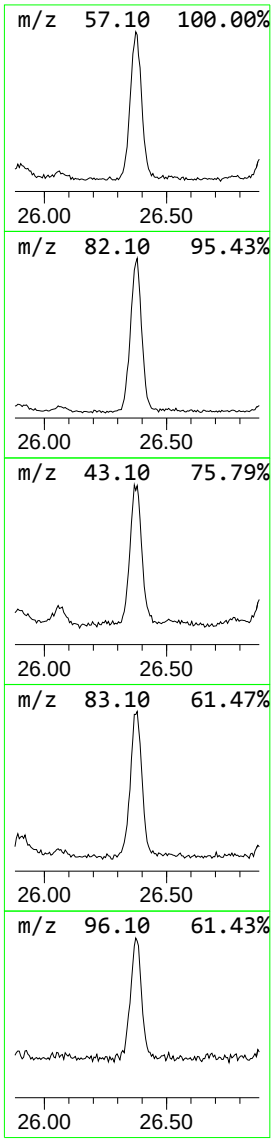
Peak Number 20 Heptacosanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.379	7.81 ng	1278550	Perylene-d12	23.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosanal	394	C27H54O	072934-03-3	91
2	Octacosanal	408	C28H56O	022725-64-0	91
3	Hexacosanal	380	C26H52O	026627-85-0	90
4	Octadecanal	268	C18H36O	000638-66-4	90
5	Pentadecanal-	226	C15H30O	002765-11-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047321.D
Acq On : 22 Aug 2024 17:50
Operator : RC/JU
Sample : P3671-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-911-KI-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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	3.257	2.8	ng	218406	1	7.351	1555470	20.0
2-Pentanone, 4-...	4.563	3.5	ng	274684	1	7.351	1555470	20.0
Eucalyptol	7.651	16.1	ng	1255950	1	7.351	1555470	20.0
1-Phenoxypropan...	10.869	3.4	ng	363531	2	10.104	2111080	20.0
Naphthalene, 1,...	14.269	4.0	ng	580408	3	14.010	2916770	20.0
photocitral B	16.980	2.9	ng	578512	4	16.774	3960470	20.0
(3S,3aS,6R,7R,9...	17.539	5.2	ng	1036810	4	16.774	3960470	20.0
unknown17.680	17.680	5.2	ng	1026620	4	16.774	3960470	20.0
n-Hexadecanoic ...	17.715	4.9	ng	972360	4	16.774	3960470	20.0
Octadecanoic acid	19.015	2.3	ng	396031	5	21.015	3521580	20.0
1-Heneicosanol	20.750	15.8	ng	2777800	5	21.015	3521580	20.0
Docosanoic acid	21.074	2.6	ng	466895	5	21.015	3521580	20.0
1-Heneicosyl fo...	21.762	25.9	ng	4559250	5	21.015	3521580	20.0
Tetracosanoic acid	22.156	3.1	ng	539895	5	21.015	3521580	20.0
Nonadecane	22.980	9.1	ng	1495270	6	23.709	3274530	20.0
Cyclotetracosane	23.038	12.4	ng	2025180	6	23.709	3274530	20.0
Hexacosanal	24.168	4.3	ng	702741	6	23.709	3274530	20.0
Eicosane, 10-me...	24.662	8.1	ng	1323420	6	23.709	3274530	20.0
1-Heptacosanol	24.779	13.1	ng	2149400	6	23.709	3274530	20.0
Heptacosanal	26.379	7.8	ng	1278550	6	23.709	3274530	20.0