LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052821\
Data File : BF124114.D
Acq On : 28 May 2021 19:12
Operator : JU/CG
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

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_F\METHODS\8270-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124114.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	3	14	19	rVB	430793	603046	17.59%	0.910%
2	5.498	573	580	587	rVB	525363	591329	17.25%	0.892%
3	5.751	619	623	626	rBV	117713	95287	2.78%	0.144%
4	6.504	747	751	758	rBV	512510	525079	15.32%	0.792%
5	6.875	810	814	815	rBV	244831	242853	7.09%	0.366%
6	6.892	815	817	821	rVV	173781	179901	5.25%	0.271%
7	6.940	821	825	835	rVV	747223	745654	21.76%	1.125%
8	7.028	835	840	843	rVV	110154	184790	5.39%	0.279%
9	7.063	843	846	857	rVB2	103830	191150	5.58%	0.288%
10	7.275	876	882	885	rBV5	55542	116216	3.39%	0.175%
11	7.434	905	909	912	rVB	449249	381795	11.14%	0.576%
12	7.581	927	934	939	rBV2	72837	121547	3.55%	0.183%
13	7.698	951	954	964	rVB2	52342	91065	2.66%	0.137%
14	7.963	993	999	1002	rBV	2772766	3299122	96.26%	4.976%
15	8.016	1007	1008	1014	rVB2	56987	53852	1.57%	0.081%
16	8.157	1028	1032	1035	rBV	247626	202099	5.90%	0.305%
17	8.351	1062	1065	1072	rVB7	34228	64811	1.89%	0.098%
18	8.434	1075	1079	1083	rVB2	61126	61842	1.80%	0.093%
19	8.522	1089	1094	1099	rBV3	100670	139763	4.08%	0.211%
20	8.592	1102	1106	1119	rVB	1945006	1931545	56.36%	2.913%
21	8.698	1120	1124	1130	rBV3	54667	68279	1.99%	0.103%
22	8.904	1148	1159	1162	rBV	423612	919920	26.84%	1.388%
23	8.957	1165	1168	1174	rVB2	85517	107837	3.15%	0.163%
24	9.045	1180	1183	1187	rVB	168744	152808	4.46%	0.230%
25	9.175	1202	1205	1211	rVV	702576	712551	20.79%	1.075%
26	9.234	1211	1215	1218	rVB	791105	684147	19.96%	1.032%
27	9.316	1222	1229	1231	rBV3	39218	52062	1.52%	0.079%
28	9.392	1238	1242	1251	rVB	252833	282009	8.23%	0.425%
29	9.592	1271	1276	1280	rBV2	148905	181695	5.30%	0.274%
30	9.910	1327	1330	1331	rVV	303096	245055	7.15%	0.370%
31	9.928	1331	1333	1339	rVB	389273	356526	10.40%	0.538%
32	10.116	1359	1365	1370	rBV2	97057	110151	3.21%	0.166%
33	10.239	1382	1386	1390	rBV4	46176	74803	2.18%	0.113%
34	10.369	1406	1408	1416	rBV2	66740	70190	2.05%	0.106%
35	10.433	1416	1419	1422	rVV	386499	368087	10.74%	0.555%
36	10.463	1422	1424	1431	rVB2	177181	177228	5.17%	0.267%

LSC Area Percent Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

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_F\METHODS\8270-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.698	1461	1464	1467	rBV	506357	471287	13.75%	0.711%
38	10.722	1467	1468	1474	rVB4	71840	61376	1.79%	0.093%
39	10.780	1474	1478	1481	rBV	433376	428960	12.52%	0.647%
40	10.828	1484	1486	1494	rVB4	95518	107162	3.13%	0.162%
41	10.928	1500	1503	1510	rBV	179798	205674	6.00%	0.310%
42	11.127	1531	1537	1541	rBV2	104132	146564	4.28%	0.221%
43	11.239	1553	1556	1561	rVV	773832	686286	20.02%	1.035%
44	11.375	1576	1579	1581	rBV2	110153	117239	3.42%	0.177%
45	11.398	1581	1583	1586	rVV	299026	246836	7.20%	0.372%
46	11.516	1600	1603	1607	rBV	108482	112333	3.28%	0.169%
47	11.557	1607	1610	1612	rBV4	62970	57117	1.67%	0.086%
48	11.604	1615	1618	1623	rVV2	109182	119024	3.47%	0.180%
49	11.680	1628	1631	1640	rVB	960894	1121317	32.72%	1.691%
50	11.875	1659	1664	1666	rBV4	62470	86743	2.53%	0.131%
51	11.898	1666	1668	1671	rVB2	67286	64750	1.89%	0.098%
52	11.933	1671	1674	1678	rVB	125751	106731	3.11%	0.161%
53	11.975	1678	1681	1685	rBV	1129766	1232227	35.95%	1.859%
54	12.092	1696	1701	1706	rBV	237828	271982	7.94%	0.410%
55	12.239	1723	1726	1730	rBV3	55371	73587	2.15%	0.111%
56	12.280	1730	1733	1737	rVB3	81244	103059	3.01%	0.155%
57	12.380	1746	1750	1760	rBV	1547782	1677383	48.94%	2.530%
58	12.486	1765	1768	1773	rVB2	191154	208442	6.08%	0.314%
59	12.604	1785	1788	1793	rBV3	105061	158378	4.62%	0.239%
60	12.651	1793	1796	1800	rVV5	80828	131283	3.83%	0.198%
61	12.686	1800	1802	1806	rVB	94296	104256	3.04%	0.157%
62	12.769	1812	1816	1822	rBV	1599191	1665205	48.58%	2.512%
63	12.916	1839	1841	1844	rBV3	48444	63039	1.84%	0.095%
64	12.945	1844	1846	1849	rVB2	98422	82410	2.40%	0.124%
65	12.992	1850	1854	1856	rBV	1035873	896938	26.17%	1.353%
66	13.027	1856	1860	1873	rVB	1812855	2060139	60.11%	3.107%
67	13.121	1873	1876	1882	rBV	275811	335663	9.79%	0.506%
68	13.239	1894	1896	1900	rBV3	80879	82469	2.41%	0.124%
69	13.274	1900	1902	1907	rVB4	100559	121190	3.54%	0.183%
70	13.386	1916	1921	1926	rBV	2050484	2225343	64.93%	3.357%
71	13.427	1926	1928	1932	rVV	142762	190790	5.57%	0.288%
72	13.469	1932	1935	1941	rVB	236478	279465	8.15%	0.422%
73	13.533	1942	1946	1949	rBV	1706033	1397083	40.76%	2.107%
74	13.580	1949	1954	1956	rBV3	69636	90930	2.65%	0.137%
75	13.651	1964	1966	1975	rVB5	122445	184200	5.37%	0.278%
76	13.727	1975	1979	1989	rVB	2191147	2284482	66.65%	3.446%

LSC Area Percent Report

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Sample : M2517-03
Misc :
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Instrument : BNA_F
ClientSampleId : 1917

Integration Parameters: rteint.p
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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.874	2001	2004	2005	rBV	88883	91084	2.66%	0.137%
78	13.968	2015	2020	2027	rBV	2398818	2837356	82.78%	4.280%
79	14.045	2028	2033	2039	rVV3	506084	687260	20.05%	1.037%
80	14.133	2046	2048	2051	rBV2	58263	52421	1.53%	0.079%
81	14.168	2052	2054	2057	rVB2	91545	83444	2.43%	0.126%
82	14.286	2068	2074	2081	rBV	2636070	3108454	90.69%	4.689%
83	14.351	2081	2085	2090	rVV	352263	431592	12.59%	0.651%
84	14.516	2111	2113	2116	rBV2	79363	68112	1.99%	0.103%
85	14.592	2121	2126	2133	rBV	2255059	2903913	84.73%	4.380%
86	14.680	2137	2141	2146	rBV	639579	618277	18.04%	0.933%
87	14.821	2160	2165	2173	rBV	2253030	3249926	94.82%	4.902%
88	14.898	2175	2178	2185	rVB2	223655	353292	10.31%	0.533%
89	15.174	2219	2225	2232	rBV	2025540	3407352	99.41%	5.140%
90	15.568	2285	2292	2308	rVB2	1672653	3427445	100.00%	5.170%
91	15.692	2311	2313	2318	rVB5	160524	203472	5.94%	0.307%
92	15.880	2338	2345	2356	rVB	1279559	2481310	72.40%	3.743%
93	16.080	2377	2379	2388	rVB9	122319	260662	7.61%	0.393%
94	16.274	2407	2412	2419	rVB3	371966	711621	20.76%	1.073%
95	16.368	2422	2428	2440	rVB	933519	1933136	56.40%	2.916%
96	16.727	2483	2489	2496	rVB2	621786	1158088	33.79%	1.747%
97	16.945	2519	2526	2538	rVB3	491624	1339777	39.09%	2.021%
98	17.315	2584	2589	2595	rVB5	178303	361705	10.55%	0.546%
99	17.404	2598	2604	2617	rVB5	390222	1174964	34.28%	1.772%
100	18.168	2726	2734	2749	rBV2	276979	906592	26.45%	1.367%

Sum of corrected areas: 66296691

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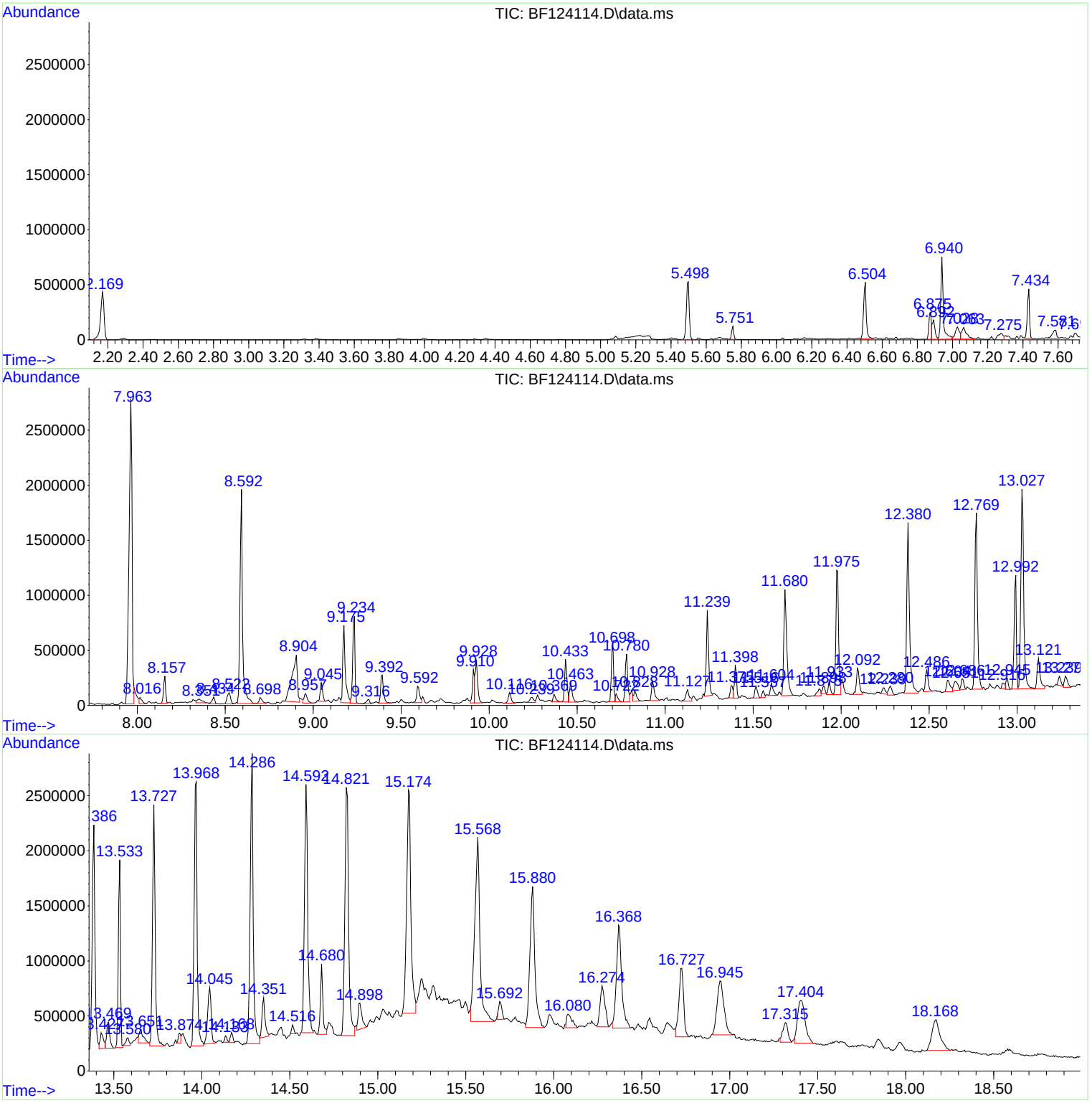
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1917

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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_F\Data\BF052821\
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Misc :
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Instrument : BNA_F
ClientSampleId : 1917

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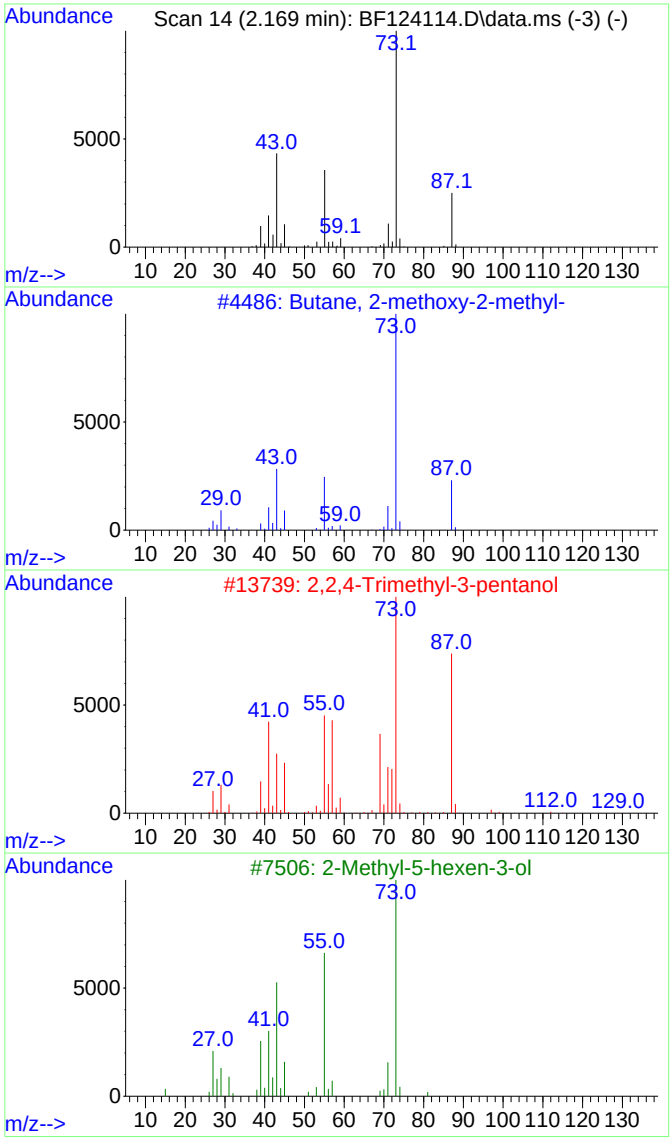
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

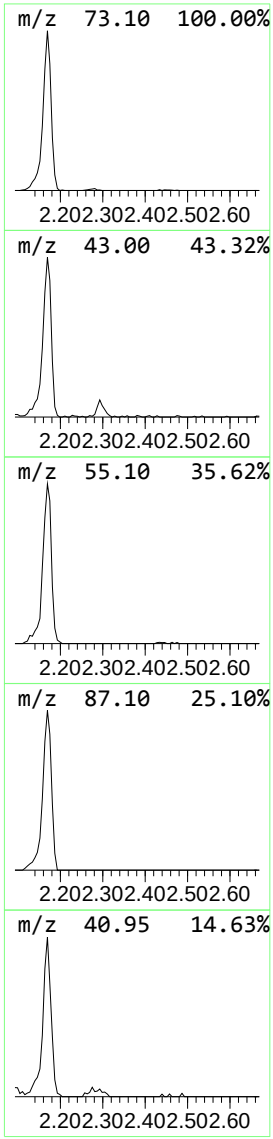
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	49.66 ng	603046	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052821\
Data File : BF124114.D
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Sample : M2517-03
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Instrument :
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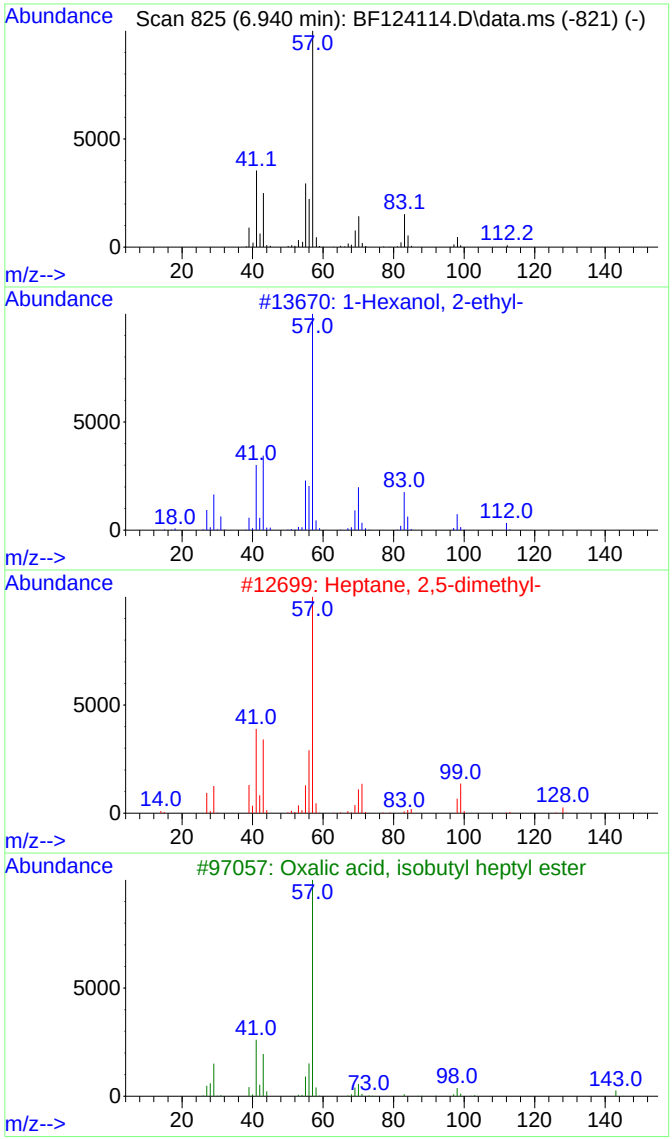
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

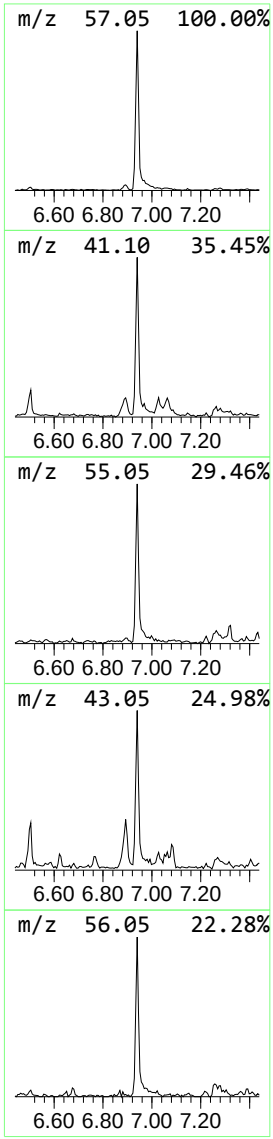
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.940	61.41 ng	745654	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
3	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	59
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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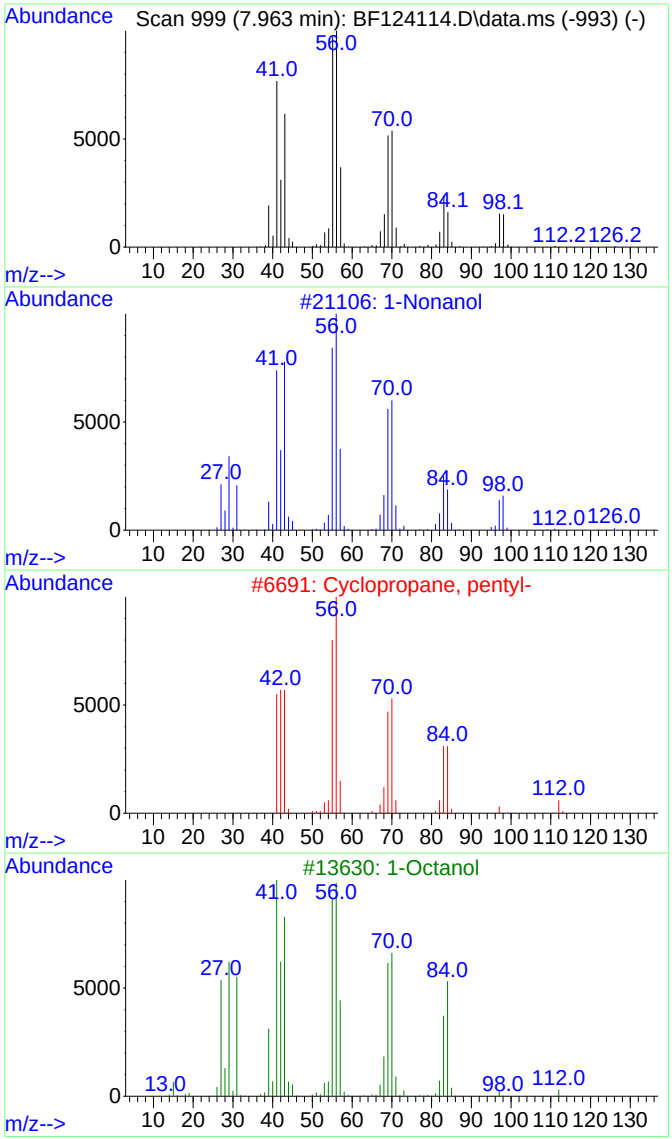
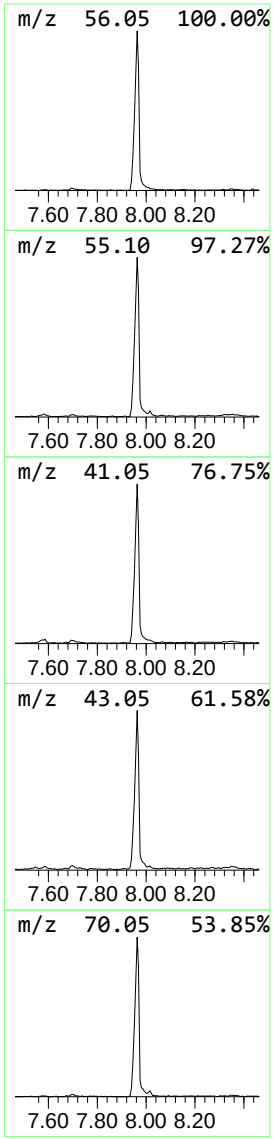
****
Peak Number 3 1-Nonanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.963	326.49 ng	3299120	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	Cyclopropane, pentyl-	112	C8H16	002511-91-3	80
3	1-Octanol	130	C8H18O	000111-87-5	72
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	64
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	62





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Sample : M2517-03
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Instrument : BNA_F
ClientSampleId : 1917

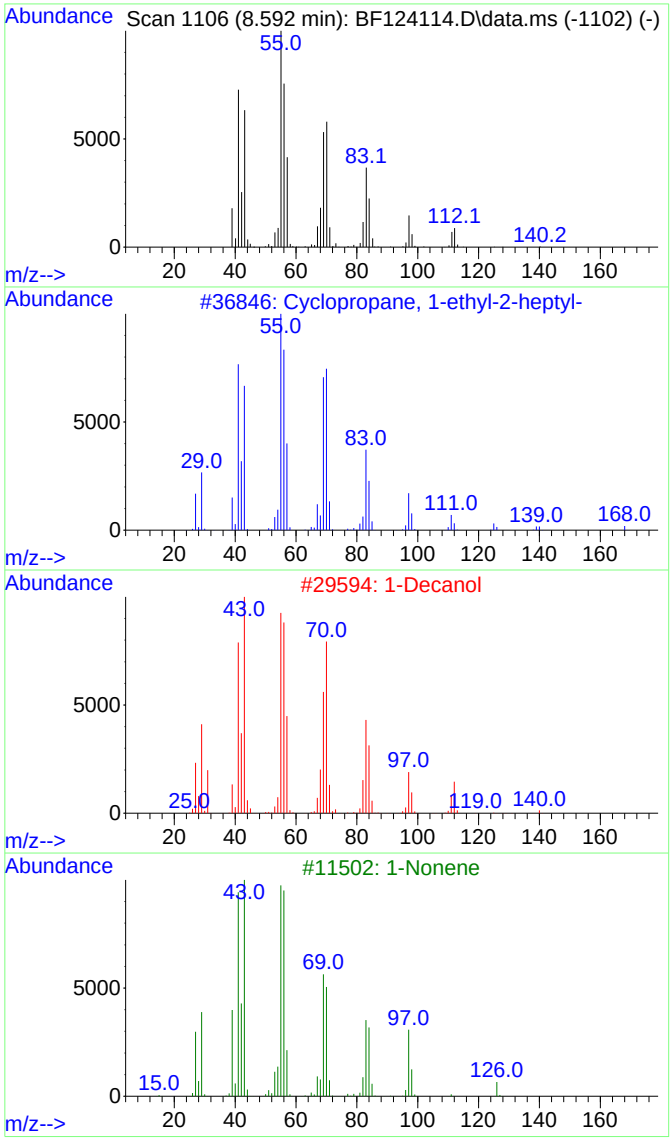
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

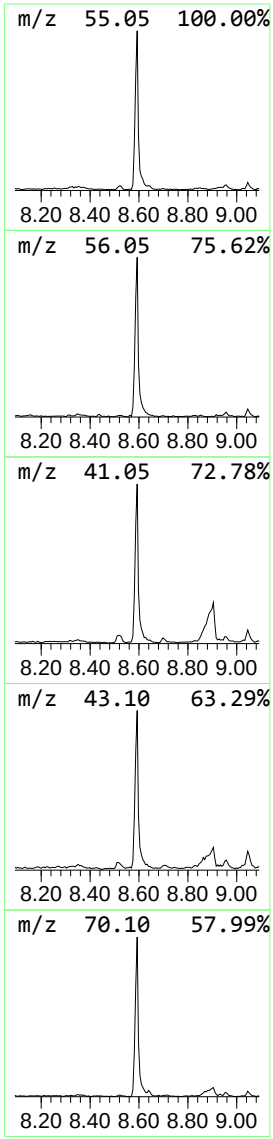
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopropane, 1-ethyl-2-hep... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	191.15 ng	1931550	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	91
2	1-Decanol	158	C10H22O	000112-30-1	90
3	1-Nonene	126	C9H18	000124-11-8	90
4	Cyclooctane	112	C8H16	000292-64-8	87
5	3-Octene, (Z)-	112	C8H16	014850-22-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052821\
Data File : BF124114.D
Acq On : 28 May 2021 19:12
Operator : JU/CG
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

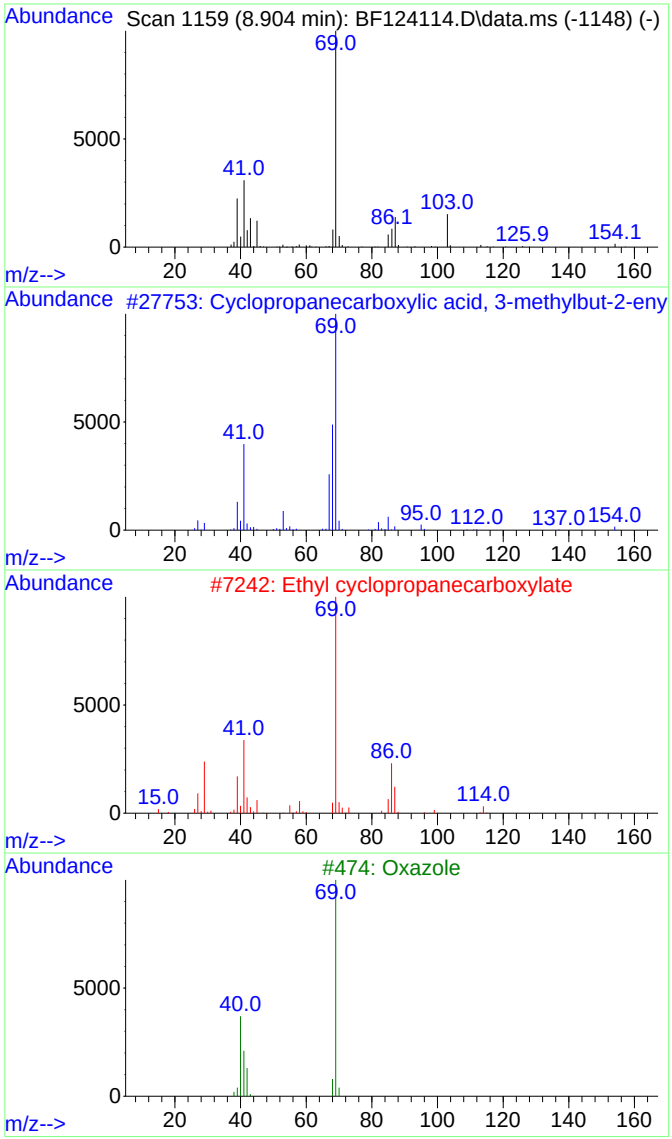
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

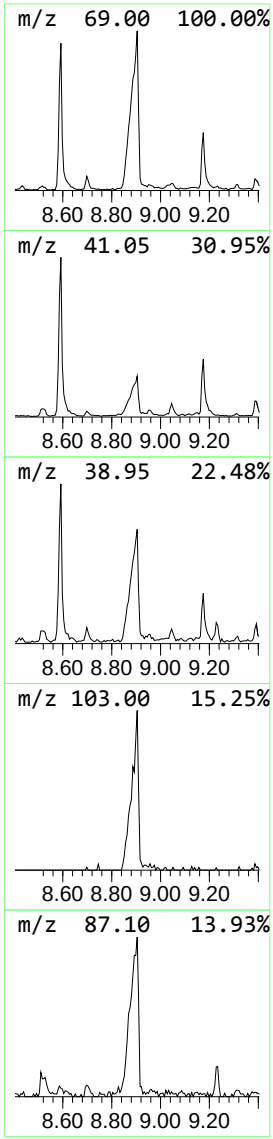
****

Peak Number 5 unknown8.904 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.904	91.04 ng	919920	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	42
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
3	Oxazole	69	C3H3NO	000288-42-6	9
4	2-Propenoic acid, 2-methyl-, pro...	128	C7H12O2	002210-28-8	9
5	1-Octyn-4-ol	126	C8H14O	052517-92-7	9





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Acq On : 28 May 2021 19:12
Operator : JU/CG
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

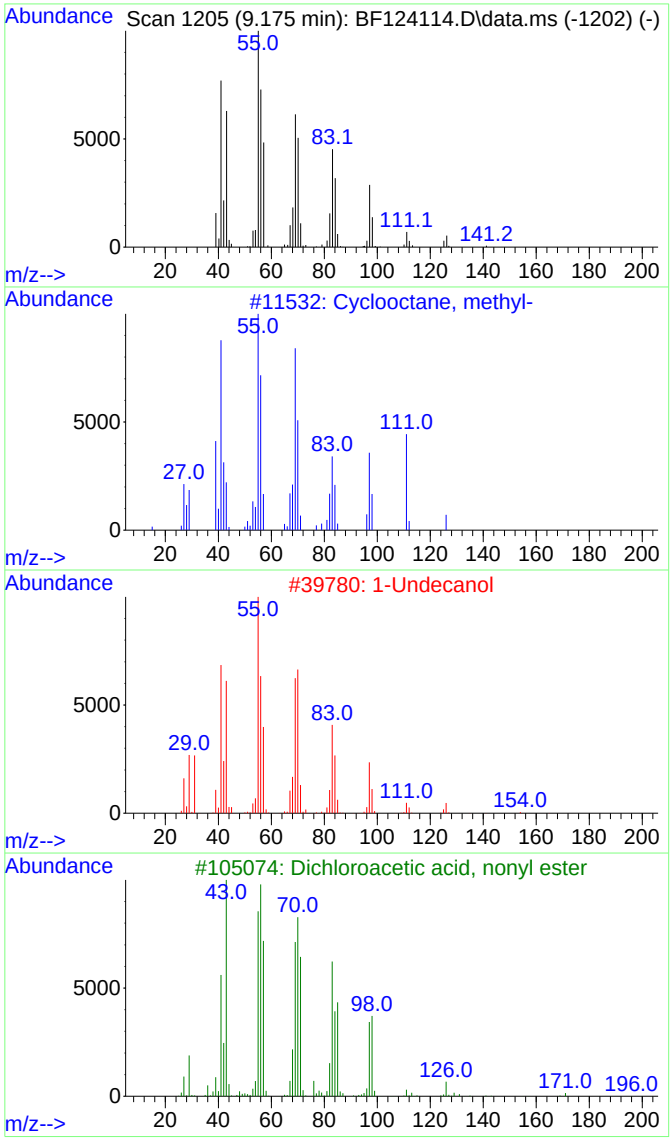
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

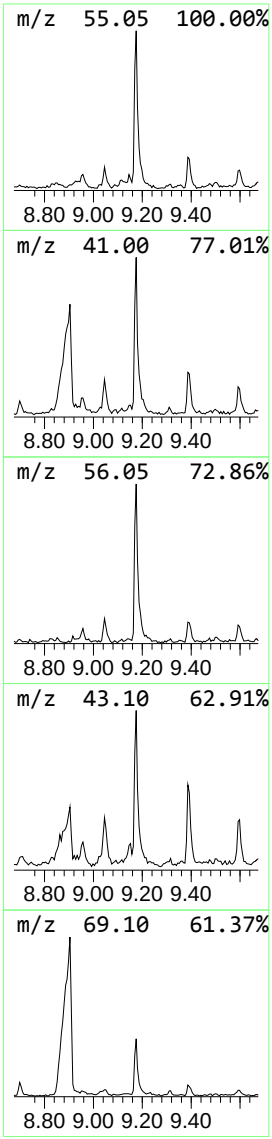
****

Peak Number 6 Cyclooctane, methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	58.15 ng	712551	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	91
2	1-Undecanol	172	C11H24O	000112-42-5	90
3	Dichloroacetic acid, nonyl ester	254	C11H20Cl2O2	083004-99-3	83
4	Formic acid, decyl ester	186	C11H22O2	005451-52-5	78
5	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	74





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Operator : JU/CG
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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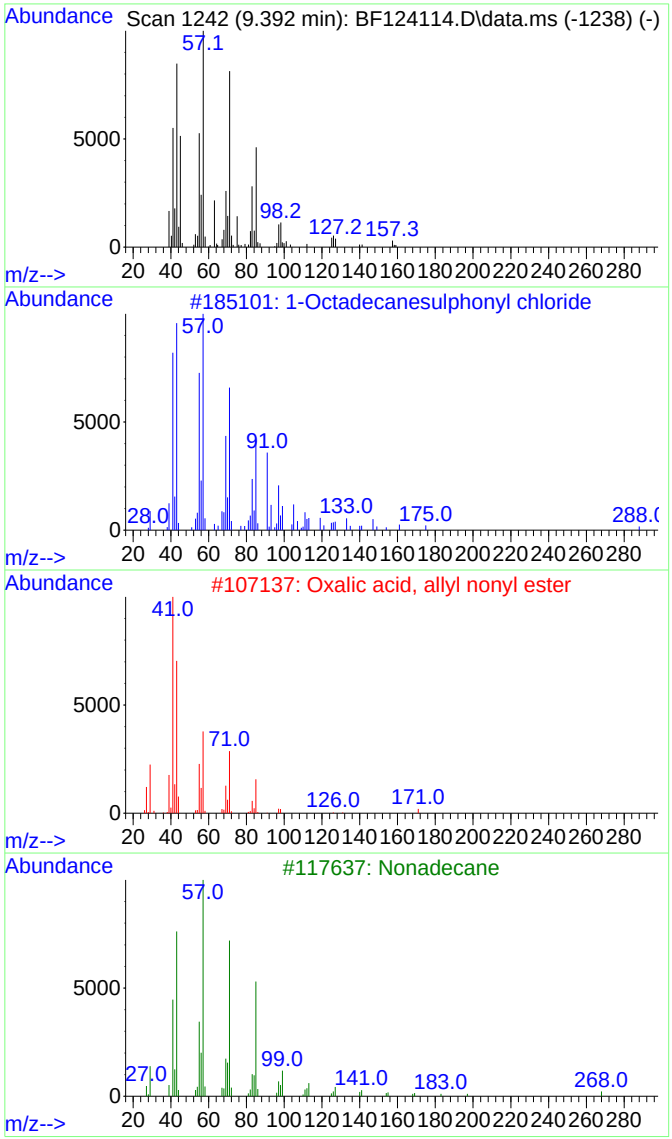
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

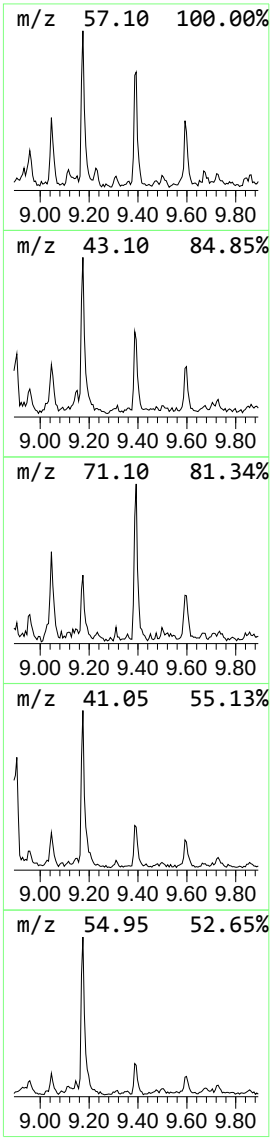
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Octadecanesulphonyl chloride Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.392	23.02 ng	282009	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
2	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	58
3	Nonadecane	268	C19H40	000629-92-5	53
4	Octacosane	394	C28H58	000630-02-4	50
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50





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Operator : JU/CG
Sample : M2517-03
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Instrument : BNA_F
ClientSampleId : 1917

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

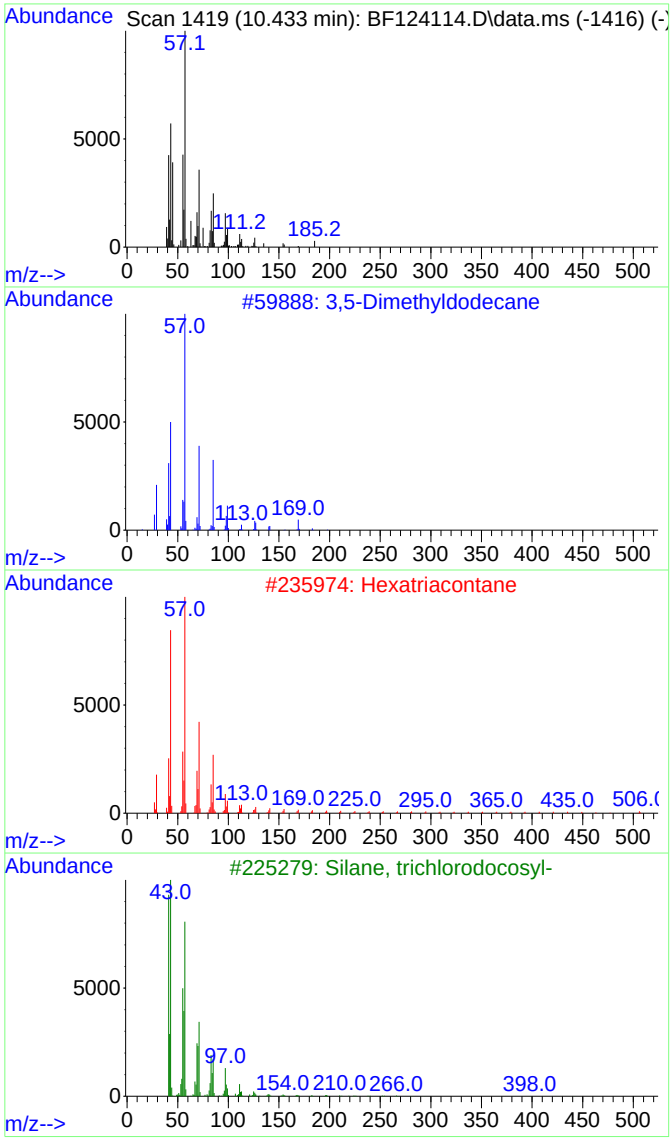
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

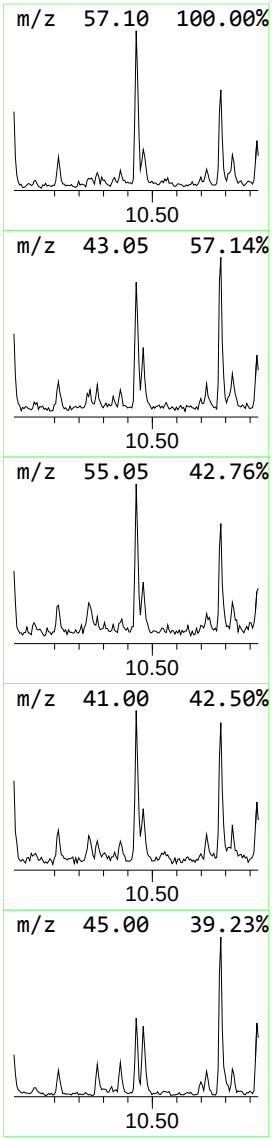
****

Peak Number 8 unknown10.433 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.433	30.04 ng	368087	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	47
2	Hexatriacontane	507	C36H74	000630-06-8	47
3	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	47
4	Decane	142	C10H22	000124-18-5	43
5	10-Methylnonadecane	282	C20H42	056862-62-5	43





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

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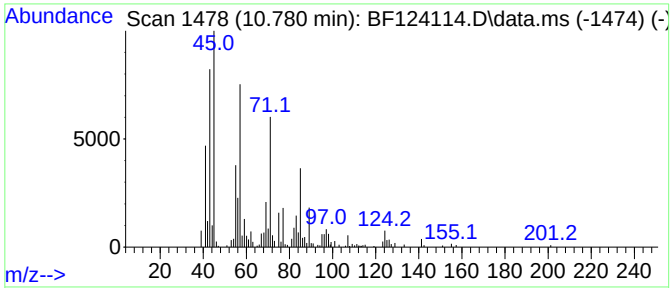
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

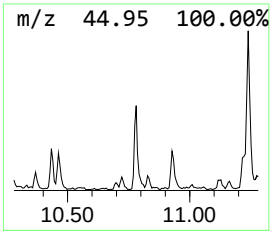
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

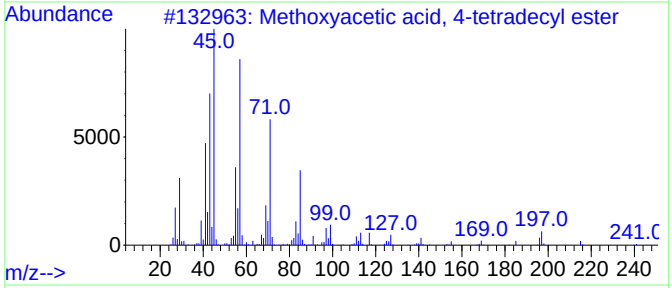
****
Peak Number 9 Methoxyacetic acid, 4-tetra... Concentration Rank 18

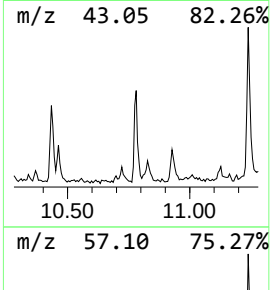
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	34.76 ng	428960	Phenanthrene-d10	11.398

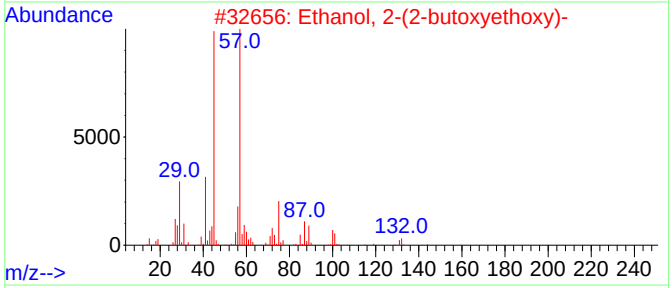
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 4-tetradecyl...	286	C17H34O3	1000282-05-0	72
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	38
3	2-Nonanol	144	C9H20O	000628-99-9	35
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	35
5	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	35

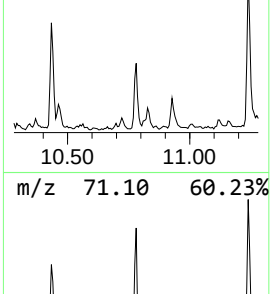


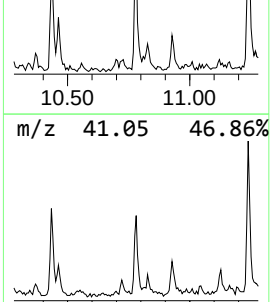


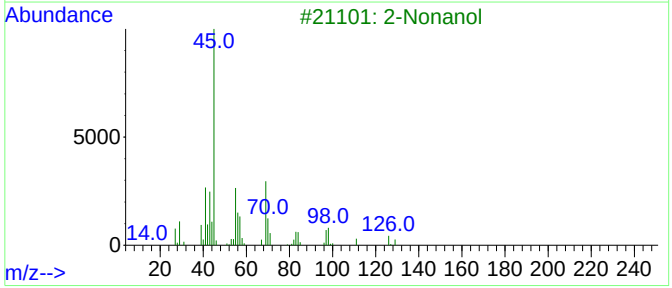












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Data File : BF124114.D
Acq On : 28 May 2021 19:12
Operator : JU/CG
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

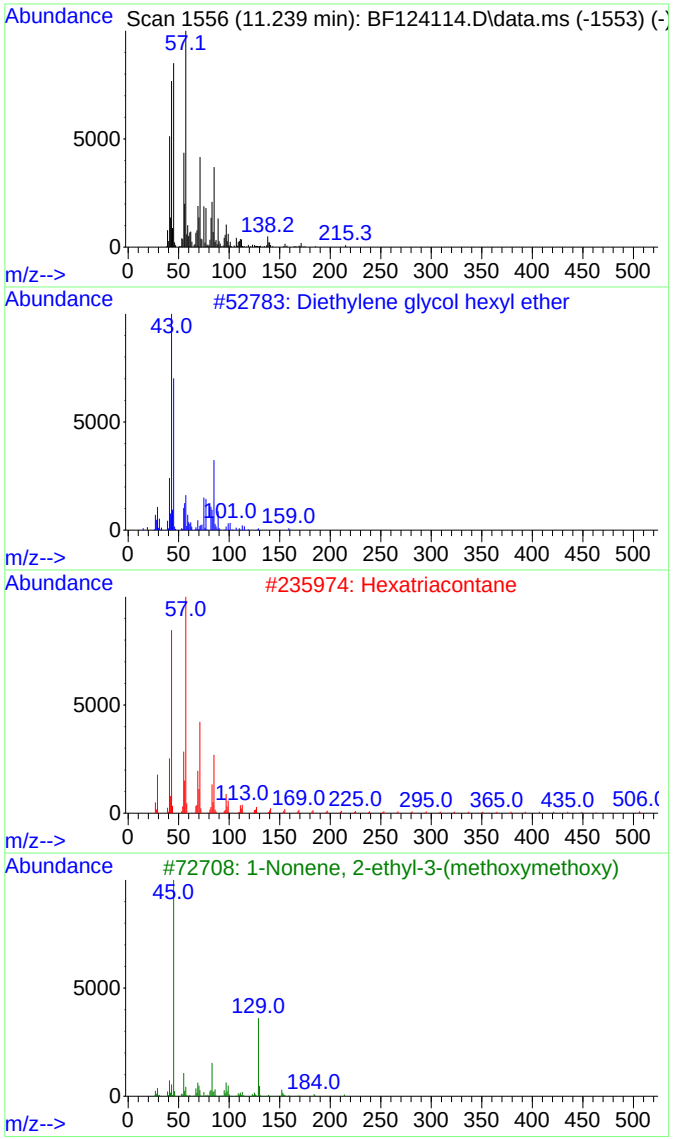
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

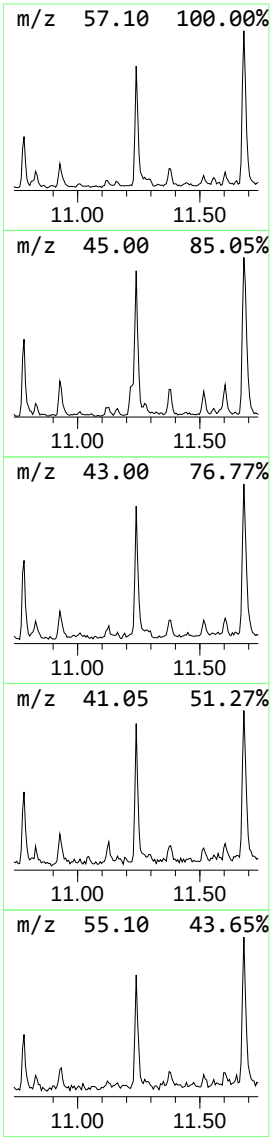
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Diethylene glycol hexyl ether Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	55.61 ng	686286	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol hexyl ether	190	C10H22O3	000112-59-4	52
2	Hexatriacontane	507	C36H74	000630-06-8	38
3	1-Nonene, 2-ethyl-3-(methoxymeth...	214	C13H26O2	1000197-21-7	35
4	Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	35
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	27





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Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

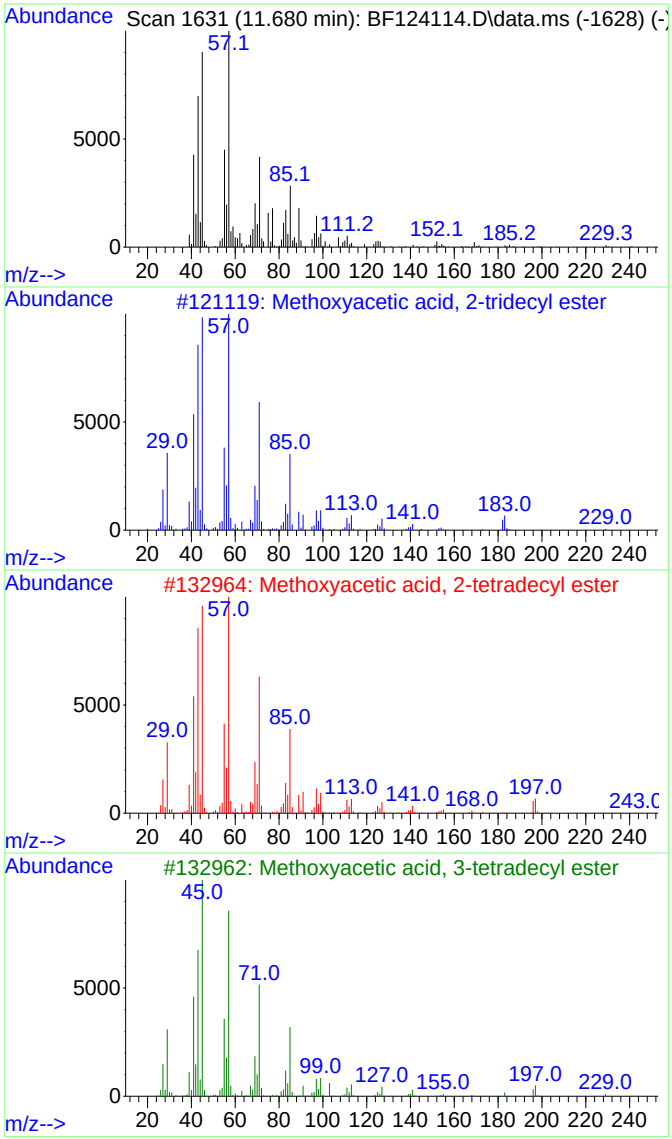
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

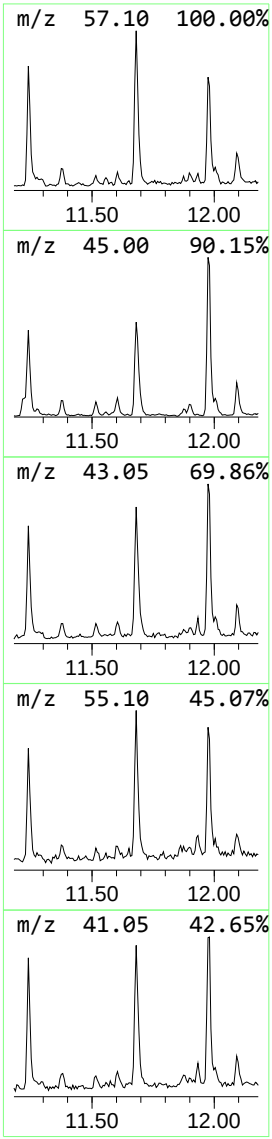
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Methoxyacetic acid, 2-tride... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	90.86 ng	1121320	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	83
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	80
3	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	72
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	46
5	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	43





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Sample : M2517-03
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

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TIC Library : C:\DATABASE\NIST11.L
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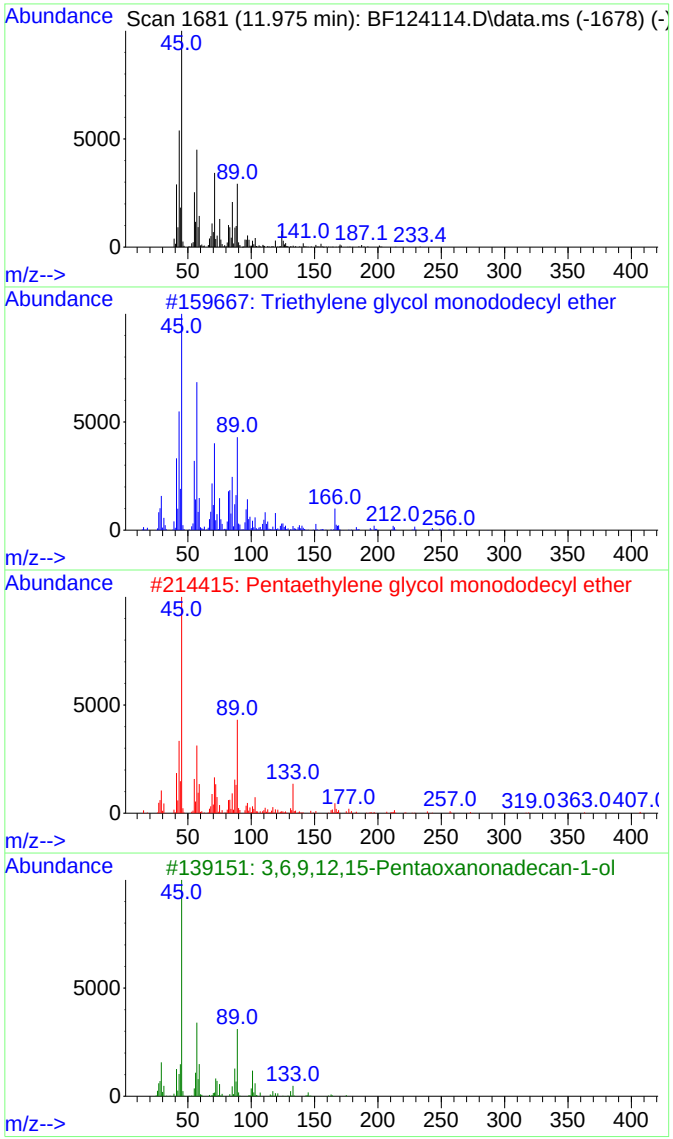
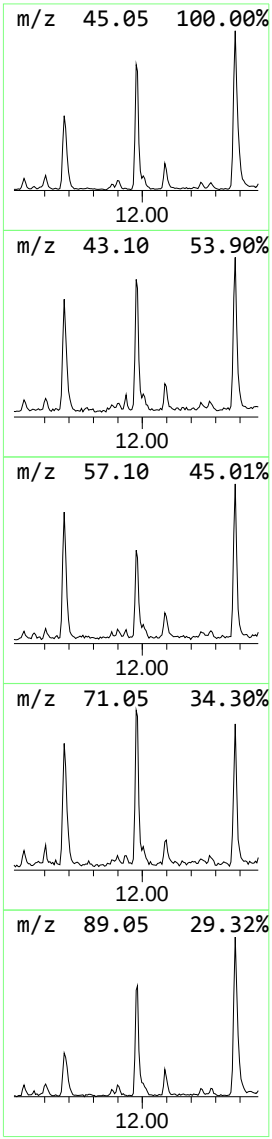
****
Peak Number 12 Triethylene glycol monodode... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	99.84 ng	1232230	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	78
2	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	64
3	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	59
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	58
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	58





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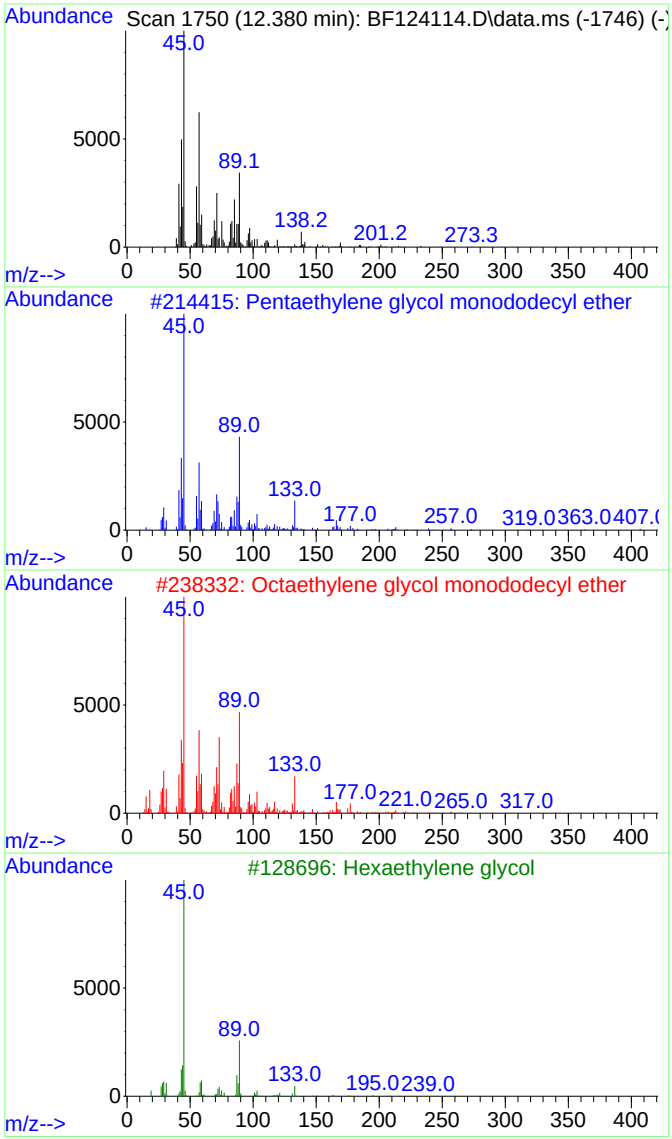
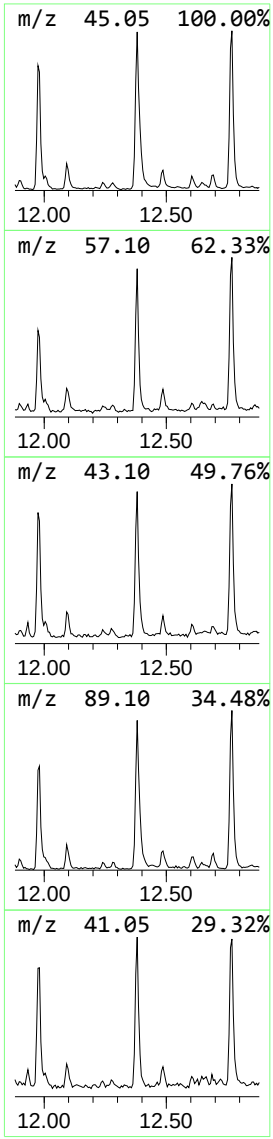
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pentaethylene glycol monodo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	135.91 ng	1677380	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	64
2	Octaethylene glycol monododecyl ...	538	C28H58O9	003055-98-9	59
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	53
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	53





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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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TIC Library : C:\DATABASE\NIST11.L
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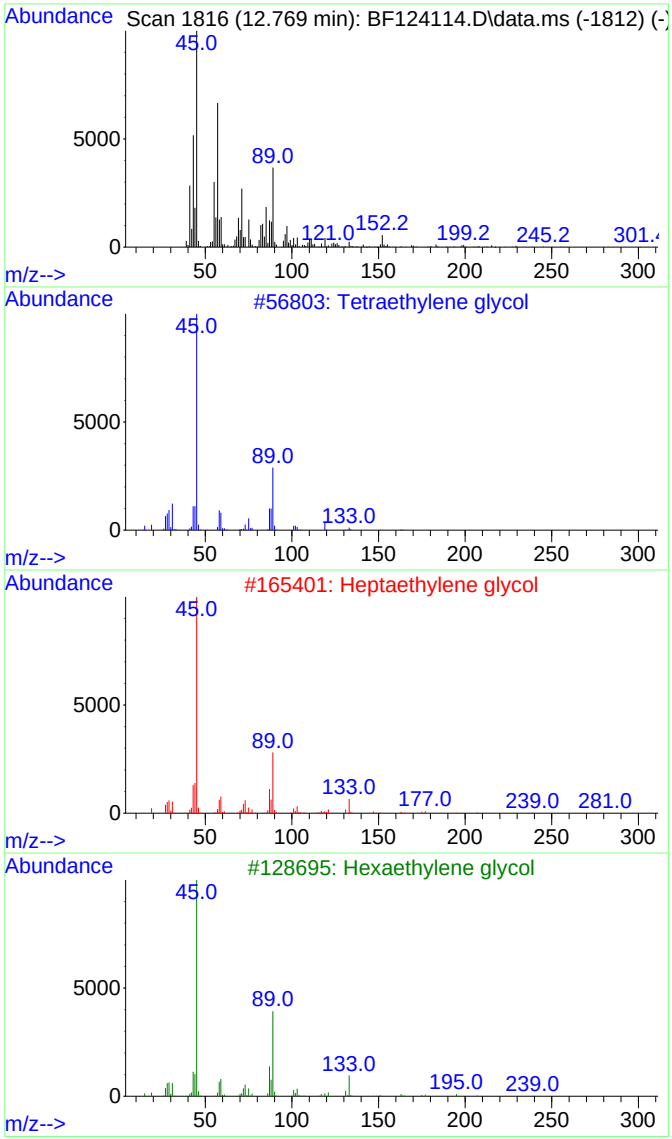
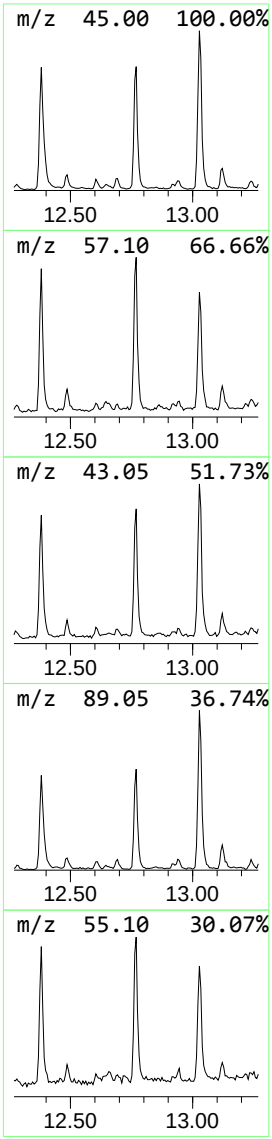
****

Peak Number 14 Tetraethylene glycol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.769	48.46 ng	1665210	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraethylene glycol	194	C8H18O5	000112-60-7	59
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	58
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	58
5	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	52





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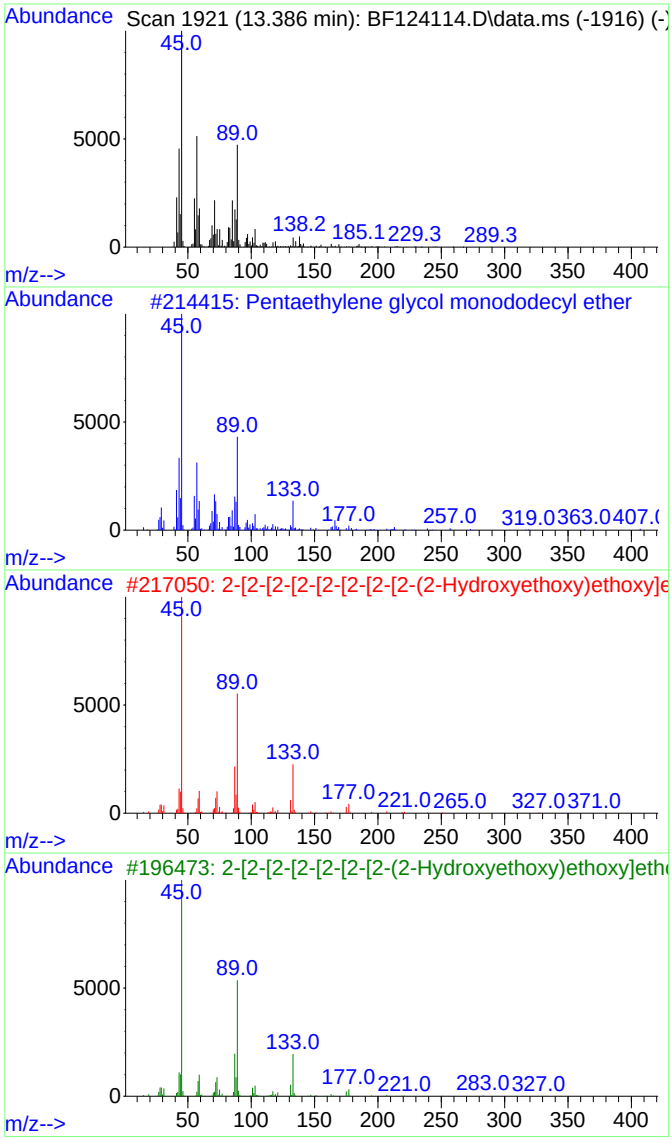
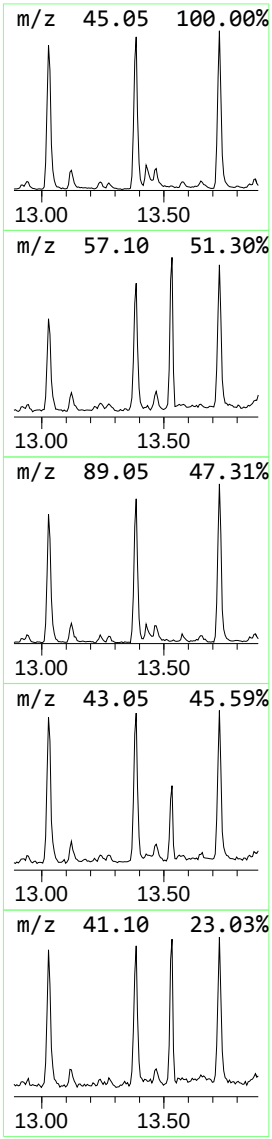
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-[2-[2-[2-[2-[2-[2-[2-(2-H... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.386	64.76 ng	2225340	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	80
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	68
3	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	68
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	64
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	64





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Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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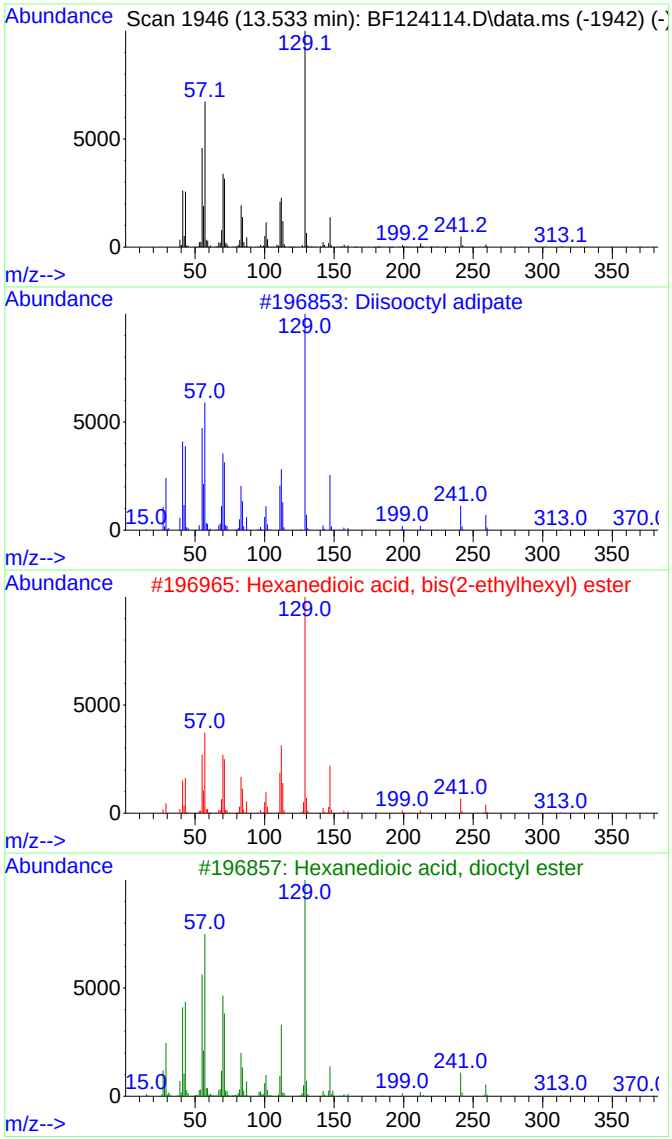
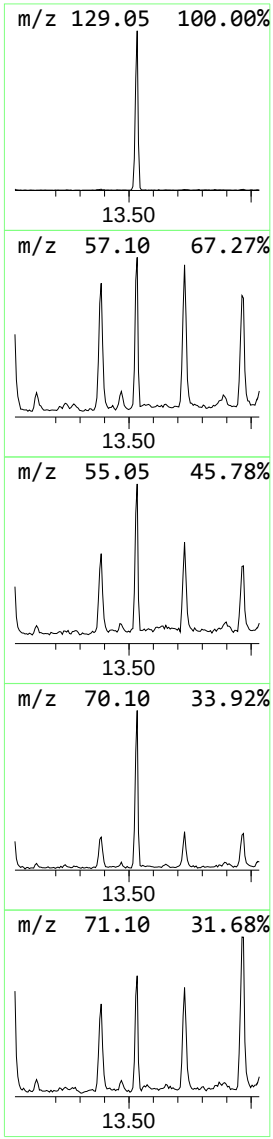
Peak Number 16 Diisooctyl adipate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.533	40.66 ng	1397080	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	64
5	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052821\
Data File : BF124114.D
Acq On : 28 May 2021 19:12
Operator : JU/CG
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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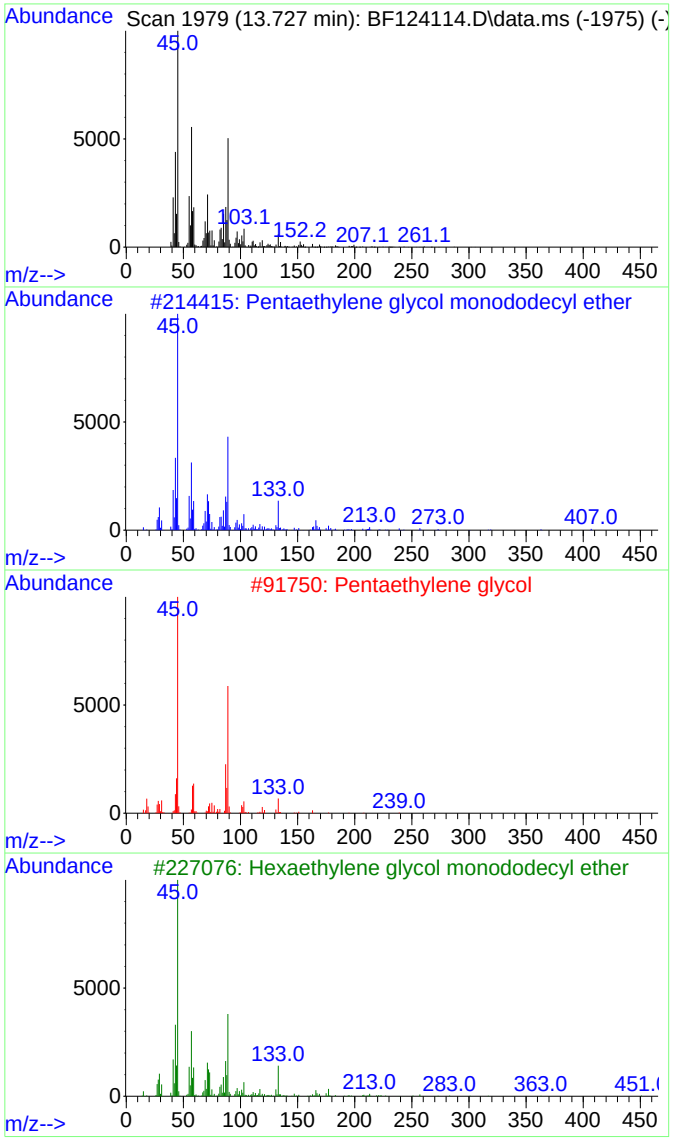
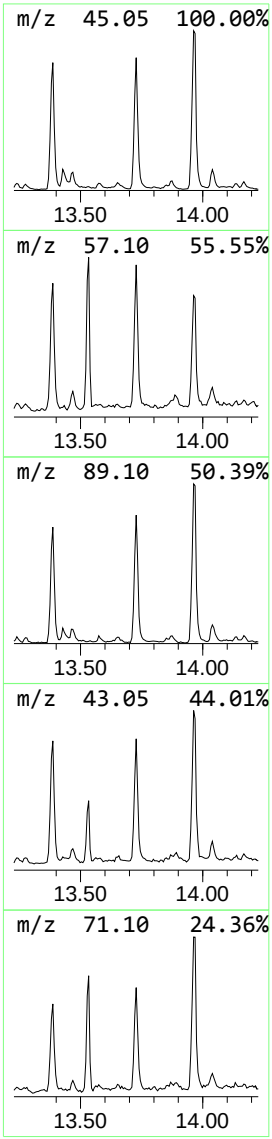
Peak Number 17 Pentaethylene glycol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	66.48 ng	2284480	Chrysene-d12	14.051

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	80
3	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	78
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	74
5	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	72





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Data File : BF124114.D
Acq On : 28 May 2021 19:12
Operator : JU/CG
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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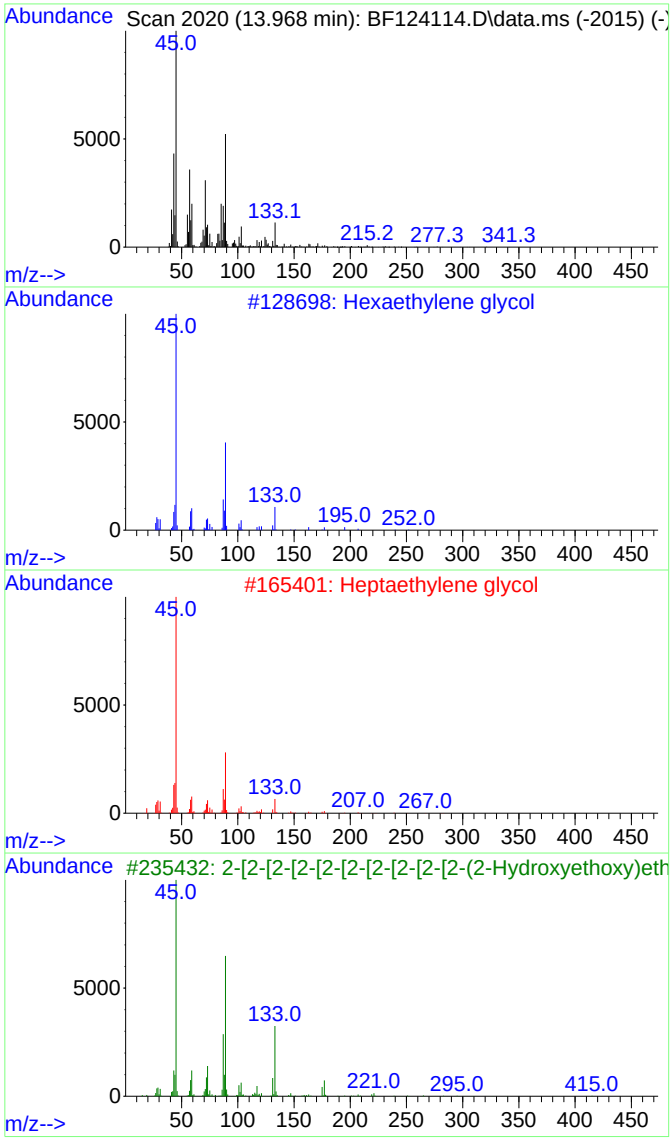
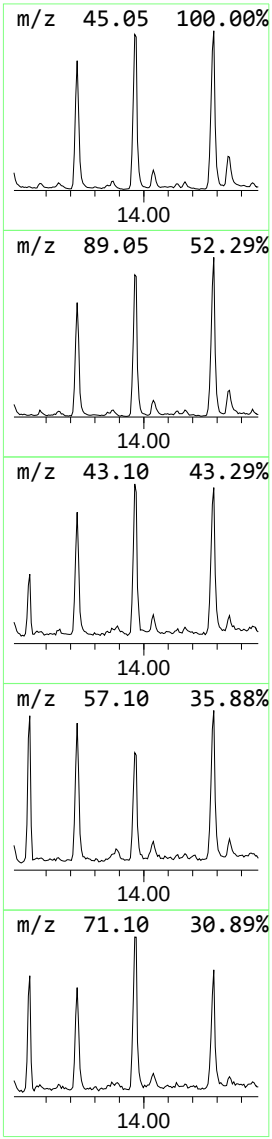
Peak Number 18 Hexaethylene glycol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	82.57 ng	2837360	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	83
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	80
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	80
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	72
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	72





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Data File : BF124114.D
Acq On : 28 May 2021 19:12
Operator : JU/CG
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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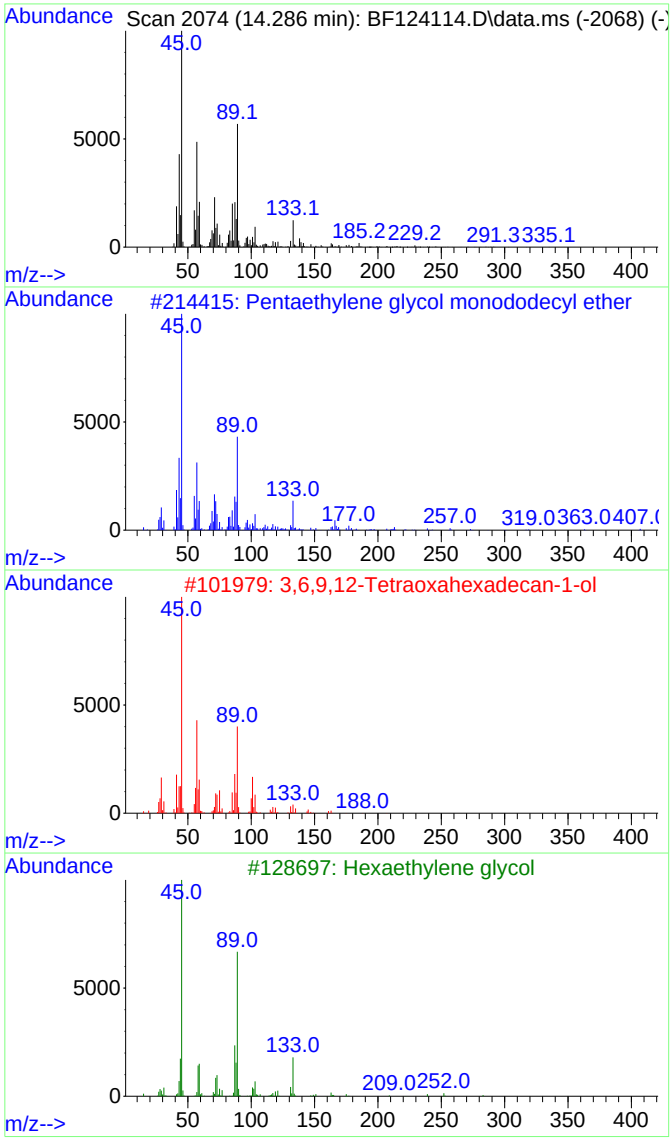
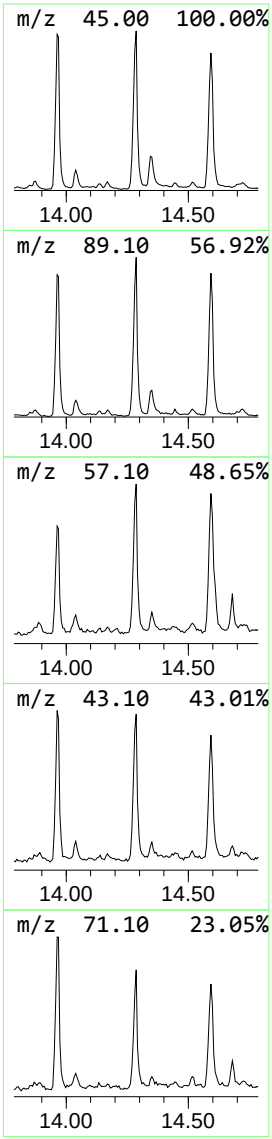
Peak Number 19 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.286	90.46 ng	3108450	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	80
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	80
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	74
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	68
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	68





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Data File : BF124114.D
Acq On : 28 May 2021 19:12
Operator : JU/CG
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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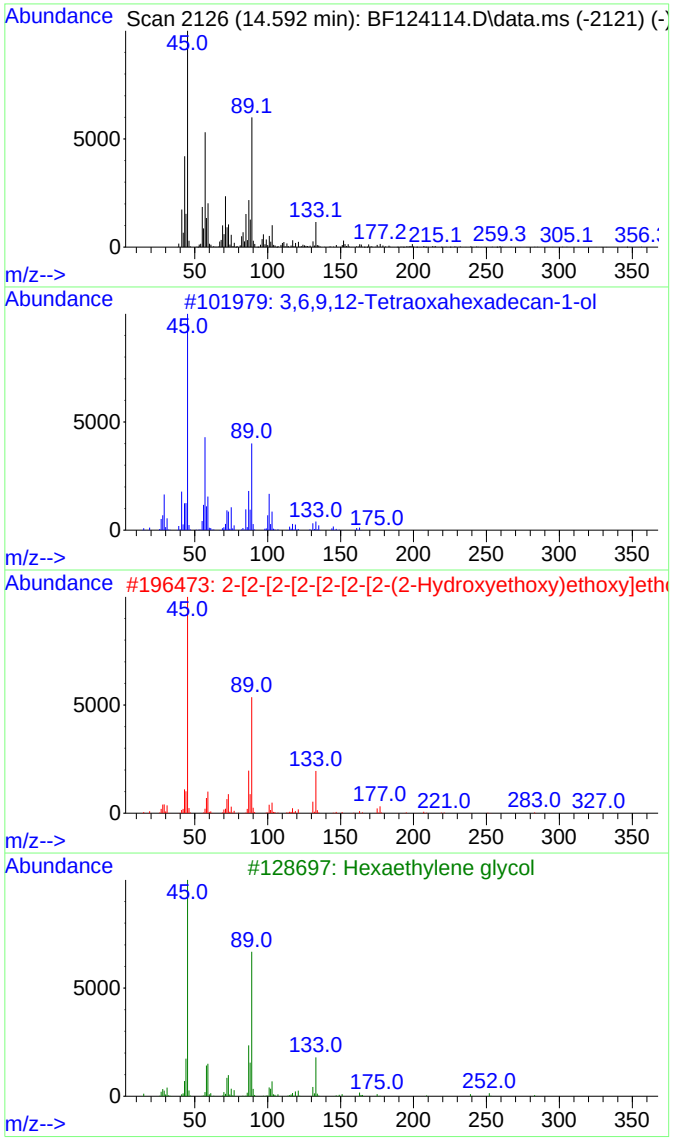
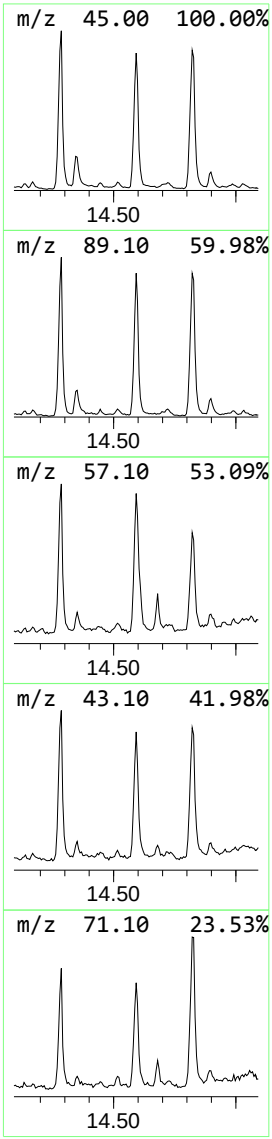
Peak Number 20 2-[2-[2-[2-[2-[2-[2-(2-Hydr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.592	84.51 ng	2903910	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	90
2	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	87
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	86
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052821\
Data File : BF124114.D
Acq On : 28 May 2021 19:12
Operator : JU/CG
Sample : M2517-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1917

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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
Butane, 2-metho...	2.169	49.7	ng	603046	1	6.875	242853	20.0
1-Hexanol, 2-et...	6.940	61.4	ng	745654	1	6.875	242853	20.0
1-Nonanol	7.963	326.5	ng	3299120	2	8.157	202099	20.0
Cyclopropane, 1...	8.592	191.2	ng	1931550	2	8.157	202099	20.0
unknown8.904	8.904	91.0	ng	919920	2	8.157	202099	20.0
Cyclooctane, me...	9.175	58.1	ng	712551	3	9.910	245055	20.0
1-Octadecanesul...	9.392	23.0	ng	282009	3	9.910	245055	20.0
unknown10.433	10.433	30.0	ng	368087	3	9.910	245055	20.0
Methoxyacetic a...	10.781	34.8	ng	428960	4	11.398	246836	20.0
Diethylene glyc...	11.239	55.6	ng	686286	4	11.398	246836	20.0
Methoxyacetic a...	11.680	90.9	ng	1121320	4	11.398	246836	20.0
Triethylene gly...	11.975	99.8	ng	1232230	4	11.398	246836	20.0
Pentaethylene g...	12.380	135.9	ng	1677380	4	11.398	246836	20.0
Tetraethylene g...	12.769	48.5	ng	1665210	5	14.051	687260	20.0
2-[2-[2-[2-[2-[...	13.386	64.8	ng	2225340	5	14.051	687260	20.0
Diisooctyl adipate	13.533	40.7	ng	1397080	5	14.051	687260	20.0
Pentaethylene g...	13.727	66.5	ng	2284480	5	14.051	687260	20.0
Hexaethylene gl...	13.969	82.6	ng	2837360	5	14.051	687260	20.0
3,6,9,12-Tetrao...	14.286	90.5	ng	3108450	5	14.051	687260	20.0
2-[2-[2-[2-[2-[...	14.592	84.5	ng	2903910	5	14.051	687260	20.0