

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125124.D
 Acq On : 19 Aug 2021 20:31
 Operator : JU/CG
 Sample : M3421-04 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11966

Integration Parameters: rteint.p

Integrator: RTE

Soothing : 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-BF081821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125124.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	12	16	27	rVB	310487	417912	26.84%	2.074%
2	4.010	323	327	332	rVB	22141	26307	1.69%	0.131%
3	4.569	417	422	429	rBV4	11985	16617	1.07%	0.082%
4	5.122	514	516	522	rVB	30070	32064	2.06%	0.159%
5	5.404	561	564	569	rBV	18362	18773	1.21%	0.093%
6	5.522	579	584	588	rBV	984998	840466	53.97%	4.172%
7	5.769	622	626	629	rBV3	17321	16868	1.08%	0.084%
8	5.828	633	636	641	rBV	23503	22541	1.45%	0.112%
9	6.528	751	755	758	rBV	1040836	807699	51.87%	4.009%
10	6.745	788	792	796	rBV2	40131	45562	2.93%	0.226%
11	6.916	818	821	825	rBV	1184327	994452	63.86%	4.936%
12	7.098	850	852	855	rBV	30297	21885	1.41%	0.109%
13	7.181	863	866	871	rVB2	15389	16453	1.06%	0.082%
14	7.475	913	916	919	rVB	644840	484005	31.08%	2.402%
15	8.098	1019	1022	1032	rBV	125789	122253	7.85%	0.607%
16	8.204	1036	1040	1042	rVV	1481405	1349806	86.68%	6.700%
17	8.222	1042	1043	1046	rVB	359300	202518	13.00%	1.005%
18	8.910	1157	1160	1164	rBV	189951	162579	10.44%	0.807%
19	9.010	1173	1177	1180	rBV	97998	79529	5.11%	0.395%
20	9.275	1218	1222	1225	rBV	1245833	927838	59.58%	4.605%
21	9.375	1237	1239	1242	rVB	24537	16698	1.07%	0.083%
22	9.545	1263	1268	1271	rVB	37106	48749	3.13%	0.242%
23	9.610	1275	1279	1282	rBV	45488	45875	2.95%	0.228%
24	9.639	1282	1284	1287	rVV	36768	29151	1.87%	0.145%
25	9.675	1287	1290	1295	rVB	26984	27554	1.77%	0.137%
26	9.728	1295	1299	1311	rBV	22268	30576	1.96%	0.152%
27	9.816	1311	1314	1318	rVV	108686	83585	5.37%	0.415%
28	9.957	1334	1338	1341	rVB	1713099	1324914	85.08%	6.576%
29	9.986	1341	1343	1348	rVB2	38939	32606	2.09%	0.162%
30	10.157	1367	1372	1376	rVB	45716	42230	2.71%	0.210%
31	10.263	1387	1390	1393	rBV2	19399	23706	1.52%	0.118%
32	10.504	1428	1431	1437	rVB	57999	65504	4.21%	0.325%
33	10.739	1467	1471	1476	rBV	622658	498442	32.01%	2.474%
34	10.869	1487	1493	1495	rVB3	22570	26419	1.70%	0.131%
35	11.051	1519	1524	1526	rBV3	20475	26026	1.67%	0.129%
36	11.245	1554	1557	1561	rVB2	18703	17273	1.11%	0.086%

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37	11.339	1571	1573	1577	rVB	32505	25626	1.65%	0.127%
38	11.445	1587	1591	1593	rBV	1427033	1241326	79.71%	6.161%
39	11.469	1593	1595	1598	rVV	289792	230041	14.77%	1.142%
40	11.516	1601	1603	1606	rVB	91712	69979	4.49%	0.347%
41	11.551	1606	1609	1611	rBV2	27008	29048	1.87%	0.144%
42	11.669	1626	1629	1635	rBV	47651	37782	2.43%	0.188%
43	11.963	1673	1679	1684	rBV3	115498	206597	13.27%	1.025%
44	12.016	1685	1688	1691	rVV2	35181	35250	2.26%	0.175%
45	12.057	1691	1695	1697	rVV2	100877	118405	7.60%	0.588%
46	12.080	1697	1699	1702	rVB	51746	42681	2.74%	0.212%
47	12.174	1712	1715	1718	rVB3	23225	22962	1.47%	0.114%
48	12.239	1724	1726	1728	rBV	43818	37524	2.41%	0.186%
49	12.257	1728	1729	1734	rVB4	28485	31038	1.99%	0.154%
50	12.492	1763	1769	1772	rBV	77355	90369	5.80%	0.449%
51	12.527	1772	1775	1778	rVV3	40509	48802	3.13%	0.242%
52	12.580	1781	1784	1785	rBV2	55284	55440	3.56%	0.275%
53	12.657	1794	1797	1800	rVB	449730	378662	24.32%	1.879%
54	12.698	1800	1804	1806	rBV4	23491	28772	1.85%	0.143%
55	12.745	1809	1812	1816	rBV2	72644	76905	4.94%	0.382%
56	12.810	1820	1823	1826	rVV3	23149	26689	1.71%	0.132%
57	12.886	1830	1836	1842	rBV	529142	537556	34.52%	2.668%
58	12.939	1842	1845	1849	rVB2	26939	31302	2.01%	0.155%
59	13.004	1853	1856	1857	rBV2	29968	30200	1.94%	0.150%
60	13.027	1857	1860	1866	rVB	903961	794434	51.01%	3.943%
61	13.104	1869	1873	1876	rBV3	56257	79868	5.13%	0.396%
62	13.157	1880	1882	1884	rBV2	24059	22992	1.48%	0.114%
63	13.210	1884	1891	1894	rVB	115513	208878	13.41%	1.037%
64	13.257	1896	1899	1900	rBV3	23984	25929	1.67%	0.129%
65	13.280	1900	1903	1906	rVB	63875	53754	3.45%	0.267%
66	13.316	1906	1909	1912	rBV2	108806	101237	6.50%	0.502%
67	13.380	1917	1920	1922	rBV3	18569	24882	1.60%	0.123%
68	13.410	1922	1925	1928	rVV	148377	115036	7.39%	0.571%
69	13.439	1928	1930	1934	rVB	98781	80797	5.19%	0.401%
70	13.586	1953	1955	1957	rBV3	18752	20468	1.31%	0.102%
71	13.657	1965	1967	1970	rBV3	20991	19467	1.25%	0.097%
72	13.716	1975	1977	1982	rVB	77987	89944	5.78%	0.446%
73	13.780	1986	1988	1991	rVB	50759	44165	2.84%	0.219%
74	13.821	1991	1995	1996	rBV	73955	73248	4.70%	0.364%
75	13.886	2003	2006	2010	rBV2	53856	65581	4.21%	0.325%
76	13.927	2010	2013	2016	rBV3	53058	52066	3.34%	0.258%

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77	14.080	2032	2039	2042	rBV3	1142654	1557286	100.00%	7.729%
78	14.110	2042	2044	2046	rVB	253149	195004	12.52%	0.968%
79	14.168	2052	2054	2055	rBV2	30880	21665	1.39%	0.108%
80	14.192	2055	2058	2060	rVB	60532	50206	3.22%	0.249%
81	14.221	2061	2063	2066	rBV	36787	36586	2.35%	0.182%
82	14.339	2081	2083	2085	rVB	29763	22943	1.47%	0.114%
83	14.433	2097	2099	2100	rBV	32327	22021	1.41%	0.109%
84	14.468	2100	2105	2108	rVV	99951	142075	9.12%	0.705%
85	14.504	2108	2111	2115	rVB	81101	69769	4.48%	0.346%
86	14.592	2124	2126	2129	rBV	74531	85171	5.47%	0.423%
87	14.868	2170	2173	2176	rVV4	49925	55531	3.57%	0.276%
88	14.904	2176	2179	2183	rVB3	46934	52754	3.39%	0.262%
89	15.139	2215	2219	2222	rBV	365783	537608	34.52%	2.668%
90	15.215	2230	2232	2235	rVV	52779	52265	3.36%	0.259%
91	15.251	2235	2238	2241	rVB	101744	99573	6.39%	0.494%
92	15.451	2268	2272	2278	rVB	279164	346680	22.26%	1.721%
93	15.515	2279	2283	2289	rVB	406368	480386	30.85%	2.384%
94	15.586	2289	2295	2298	rBV	840385	1120959	71.98%	5.564%
95	15.615	2298	2300	2306	rVB2	165636	196745	12.63%	0.977%
96	16.068	2373	2377	2383	rVB2	74949	103922	6.67%	0.516%
97	16.592	2464	2466	2467	rBV2	25734	18343	1.18%	0.091%
98	17.086	2545	2550	2561	rVB2	176599	356347	22.88%	1.769%
99	17.333	2587	2592	2593	rBV2	35553	50544	3.25%	0.251%
100	17.539	2622	2627	2634	rVB	113852	222275	14.27%	1.103%

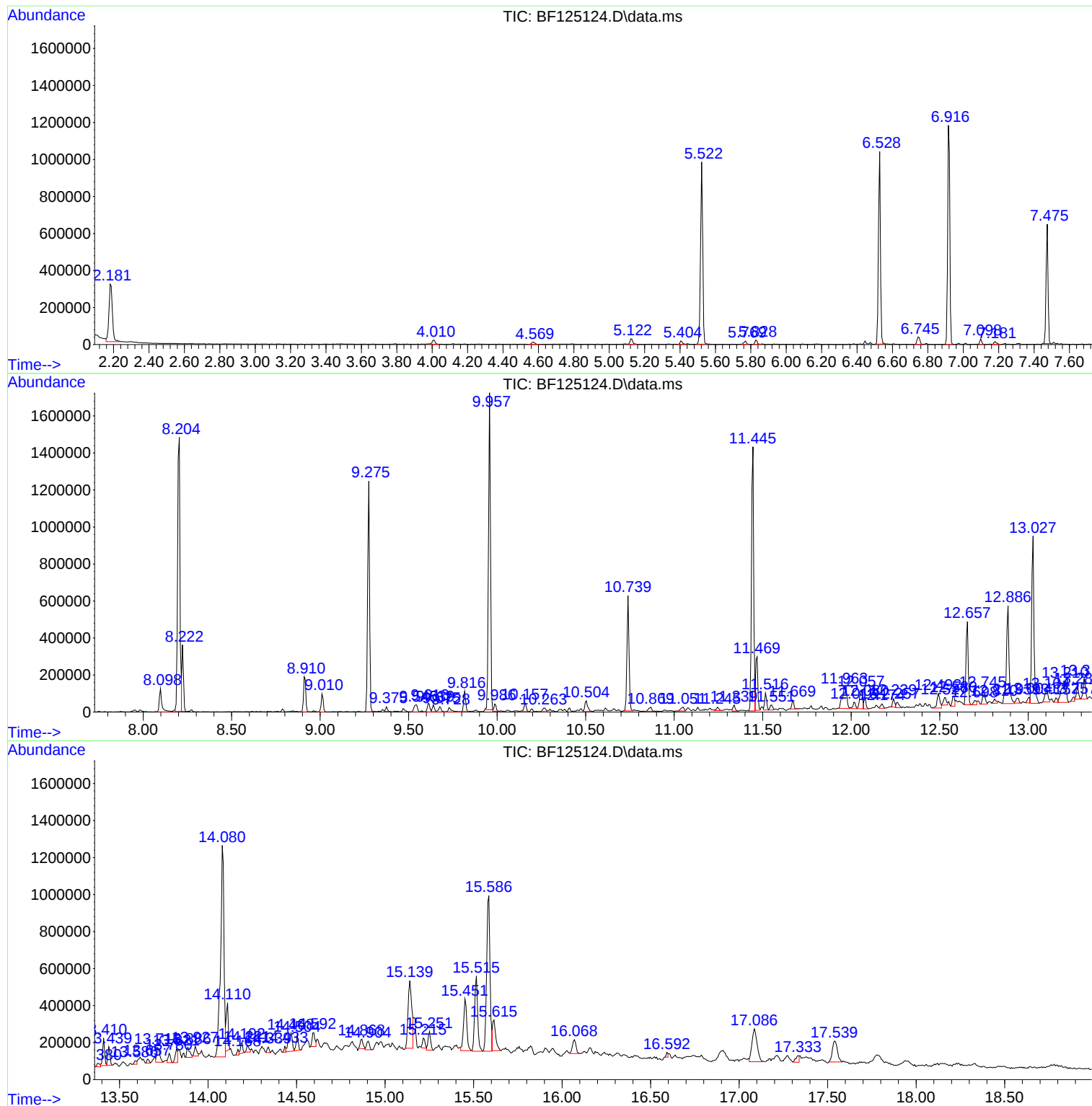
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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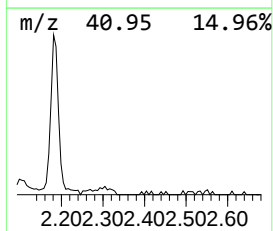
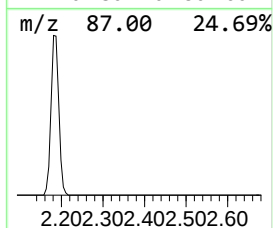
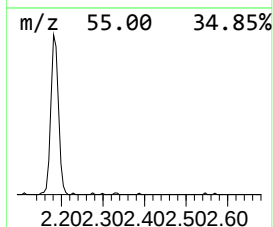
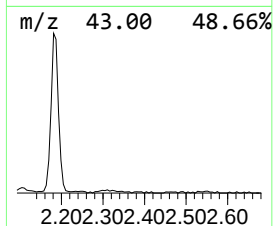
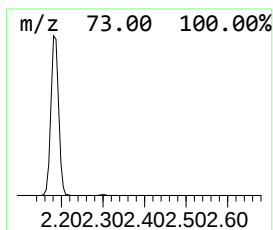
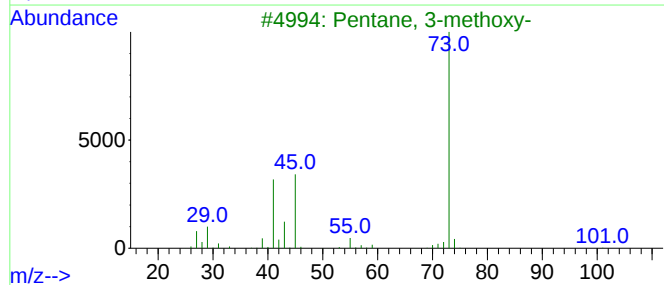
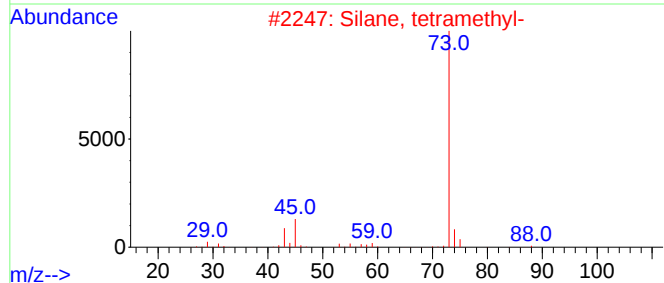
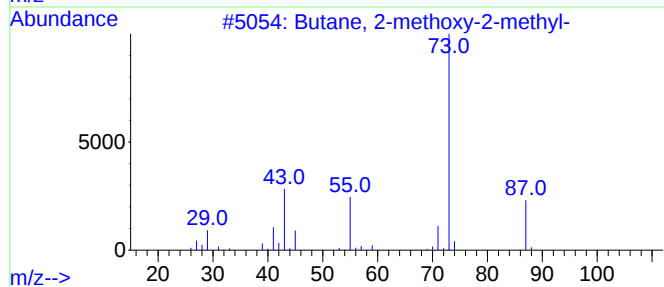
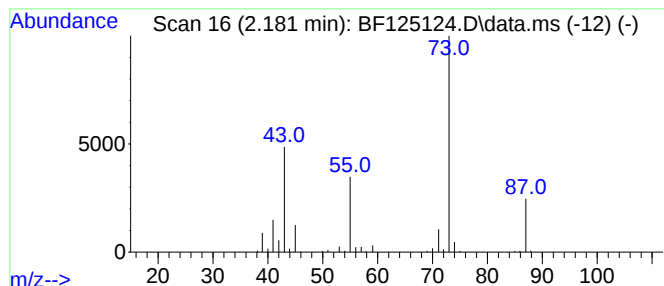
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	8.40 ng	417912	1,4-Dichlorobenzene-d4	6.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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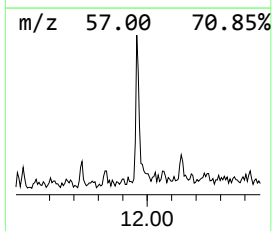
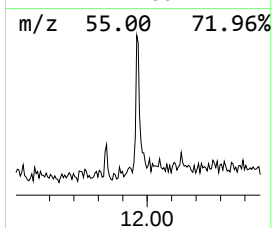
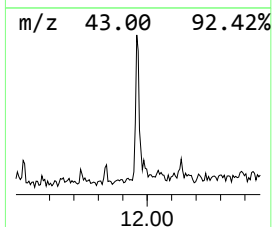
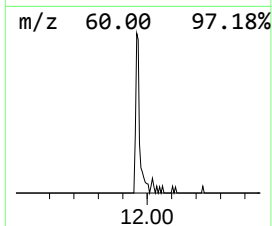
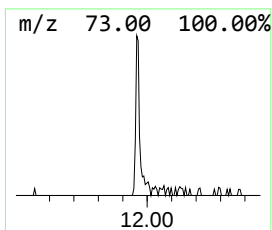
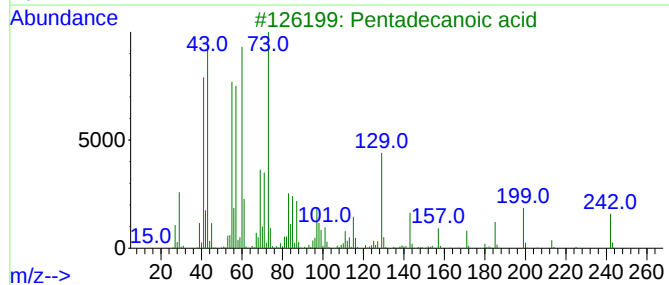
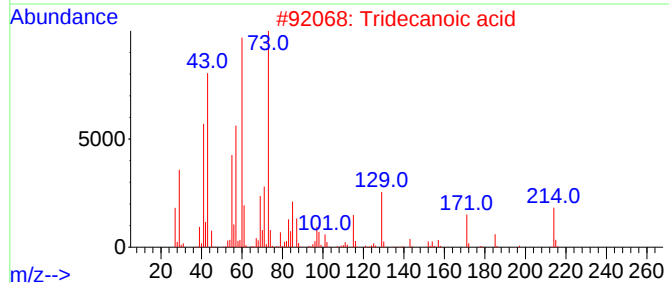
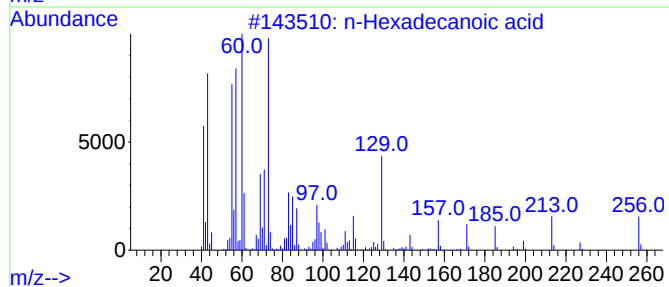
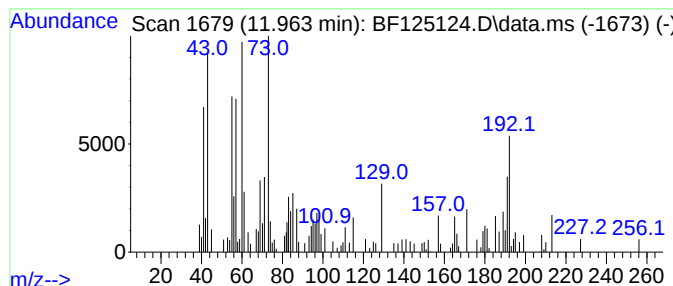
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	3.33 ng	206597	Phenanthrene-d10	11.445

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
2		Tridecanoic acid	214	C13H26O2	000638-53-9	58
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4		Dodecanoic acid	200	C12H24O2	000143-07-7	49
5		Nonanoic acid	158	C9H18O2	000112-05-0	45



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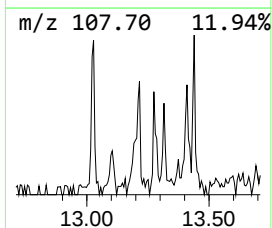
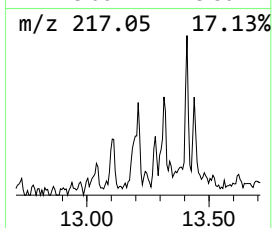
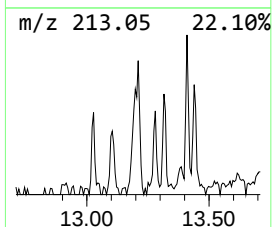
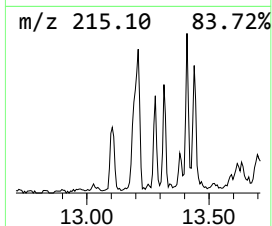
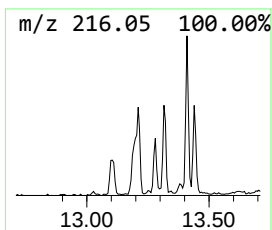
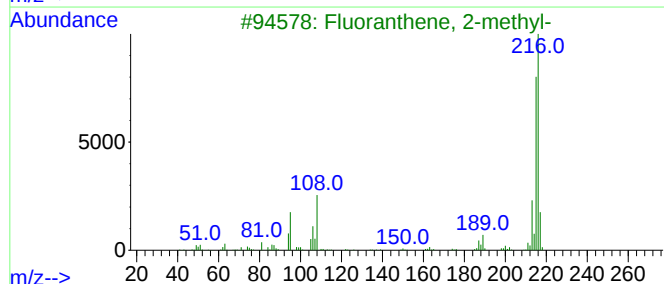
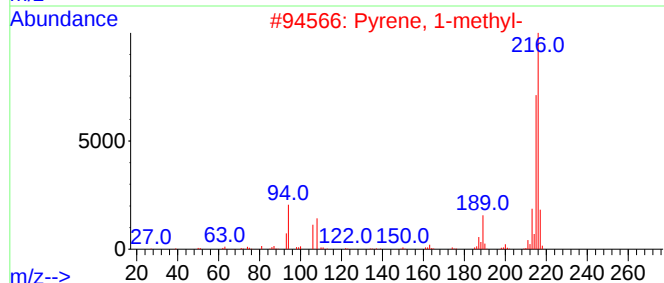
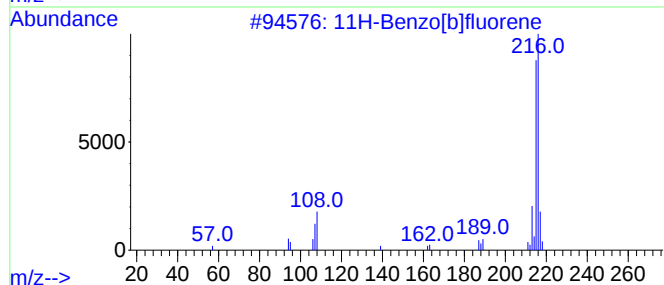
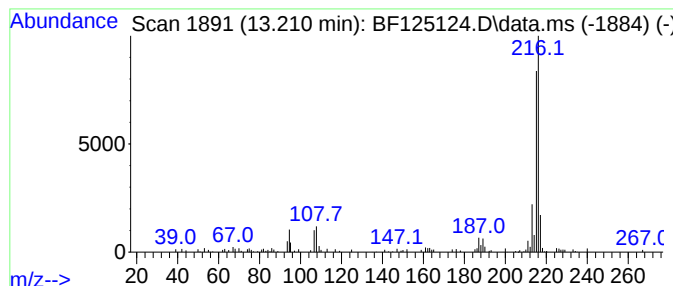
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.68 ng	208878	Chrysene-d12	14.086

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
Data File : BF125124.D
Acq On : 19 Aug 2021 20:31
Operator : JU/CG
Sample : M3421-04 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11966

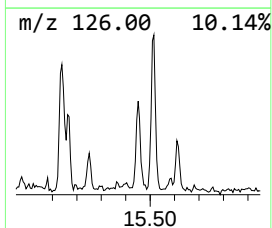
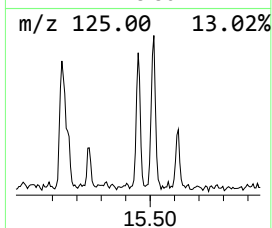
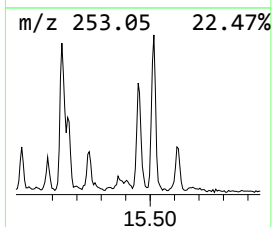
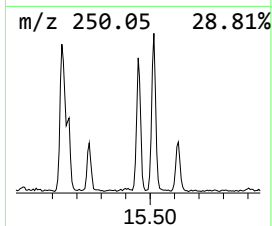
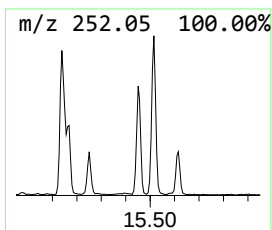
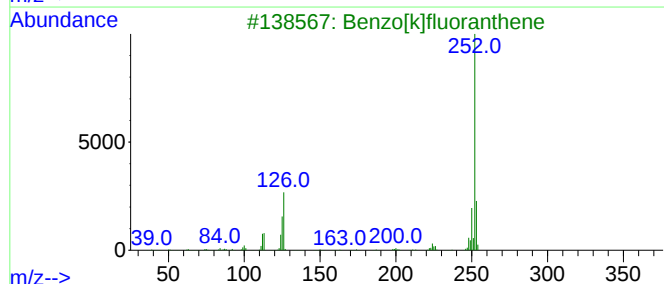
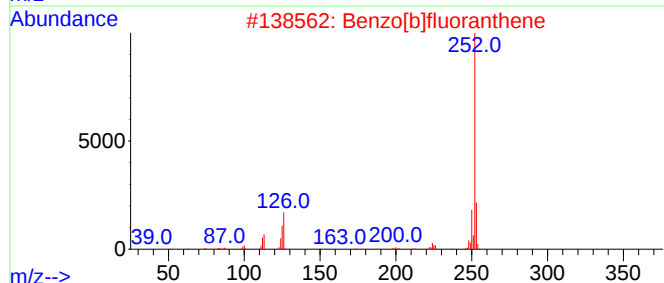
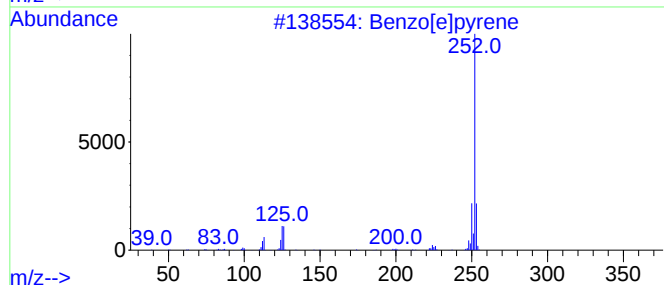
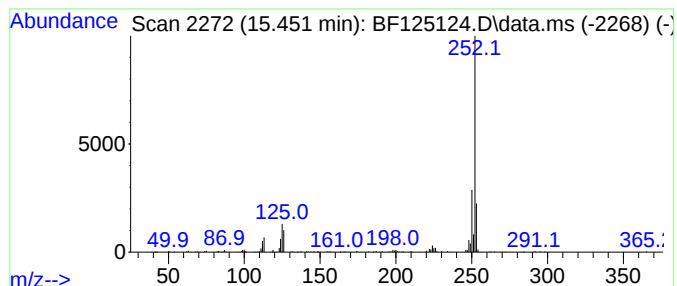
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	6.19 ng	346680	Perylene-d12	15.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
Data File : BF125124.D
Acq On : 19 Aug 2021 20:31
Operator : JU/CG
Sample : M3421-04 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11966

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.181	8.4	ng	417912	1	6.916	994452	20.0
n-Hexadecanoic ...	11.963	3.3	ng	206597	4	11.445	1241330	20.0
11H-Benzo[b]flu...	13.210	2.7	ng	208878	5	14.086	1557290	20.0
Benzo[e]pyrene	15.451	6.2	ng	346680	6	15.586	1120960	20.0