

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
 Data File : BF123980.D
 Acq On : 18 May 2021 15:58
 Operator : JU/CG
 Sample : M2436-07 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3A

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: BF123980.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	7	12	20	rVB	219083	276083	52.17%	4.578%
2	5.510	578	582	586	rBV	530083	451024	85.22%	7.478%
3	6.387	728	731	733	rBV2	10411	14791	2.79%	0.245%
4	6.516	749	753	758	rVB	534485	470147	88.84%	7.795%
5	6.728	787	789	794	rVB3	12184	14739	2.79%	0.244%
6	6.904	815	819	822	rBV	464745	347617	65.68%	5.764%
7	7.463	909	914	917	rBV	347402	315705	59.65%	5.235%
8	8.186	1033	1037	1041	rBV	575145	456896	86.33%	7.576%
9	9.263	1216	1220	1223	rBV	686567	529225	100.00%	8.775%
10	9.651	1284	1286	1292	rBV	71475	57681	10.90%	0.956%
11	9.945	1332	1336	1339	rBV	670582	524516	99.11%	8.697%
12	10.416	1413	1416	1419	rVB	6158	6801	1.29%	0.113%
13	10.727	1465	1469	1477	rBV	409123	332868	62.90%	5.519%
14	11.180	1541	1546	1550	rBV2	10587	12774	2.41%	0.212%
15	11.433	1585	1589	1591	rBV	556779	484909	91.63%	8.040%
16	11.451	1591	1592	1596	rVB	22928	16969	3.21%	0.281%
17	11.722	1636	1638	1643	rBV3	6644	6600	1.25%	0.109%
18	11.804	1650	1652	1658	rBV3	6255	8792	1.66%	0.146%
19	11.951	1672	1677	1681	rBV2	29719	32439	6.13%	0.538%
20	12.516	1770	1773	1775	rBV4	8808	8877	1.68%	0.147%
21	12.639	1791	1794	1800	rVB	30602	32049	6.06%	0.531%
22	12.839	1823	1828	1829	rBV4	4576	7863	1.49%	0.130%
23	12.874	1829	1834	1840	rVB	26702	32014	6.05%	0.531%
24	13.016	1854	1858	1861	rBV	429261	369934	69.90%	6.134%
25	13.251	1894	1898	1899	rBV5	6772	6962	1.32%	0.115%
26	13.704	1972	1975	1978	rBV4	6097	6799	1.28%	0.113%
27	13.921	2009	2012	2018	rBV3	44932	66616	12.59%	1.105%
28	14.068	2032	2037	2041	rBV	346543	353399	66.78%	5.860%
29	14.098	2041	2042	2044	rVB2	19913	10573	2.00%	0.175%
30	14.239	2063	2066	2068	rBV3	14992	12637	2.39%	0.210%
31	14.498	2107	2110	2113	rBV5	6233	9279	1.75%	0.154%
32	14.545	2116	2118	2122	rVB3	24860	26477	5.00%	0.439%
33	14.857	2168	2171	2176	rVB	30530	31102	5.88%	0.516%
34	15.121	2213	2216	2220	rBV4	17848	27406	5.18%	0.454%
35	15.210	2226	2231	2236	rBV3	32601	47548	8.98%	0.788%
36	15.327	2248	2251	2253	rBV4	8054	8616	1.63%	0.143%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.439	2266	2270	2275	rVB7	13575	20178	3.81%	0.335%
38	15.492	2275	2279	2285	rVV6	19221	36972	6.99%	0.613%
39	15.568	2287	2292	2295	rVV	267093	347933	65.74%	5.769%
40	15.604	2295	2298	2304	rVB5	40834	62293	11.77%	1.033%
41	15.662	2307	2308	2313	rBV4	5356	7386	1.40%	0.122%
42	15.927	2351	2353	2356	rBV4	6029	7315	1.38%	0.121%
43	16.057	2371	2375	2380	rVB7	22061	32896	6.22%	0.545%
44	16.304	2415	2417	2420	rVB4	10229	9647	1.82%	0.160%
45	16.586	2459	2465	2470	rBV6	17615	38378	7.25%	0.636%
46	17.192	2566	2568	2574	rVB7	12643	20438	3.86%	0.339%
47	17.509	2619	2622	2624	rBV4	7575	9559	1.81%	0.158%
48	17.727	2656	2659	2662	rBV5	6093	9505	1.80%	0.158%
49	17.933	2691	2694	2699	rVB4	7477	9822	1.86%	0.163%

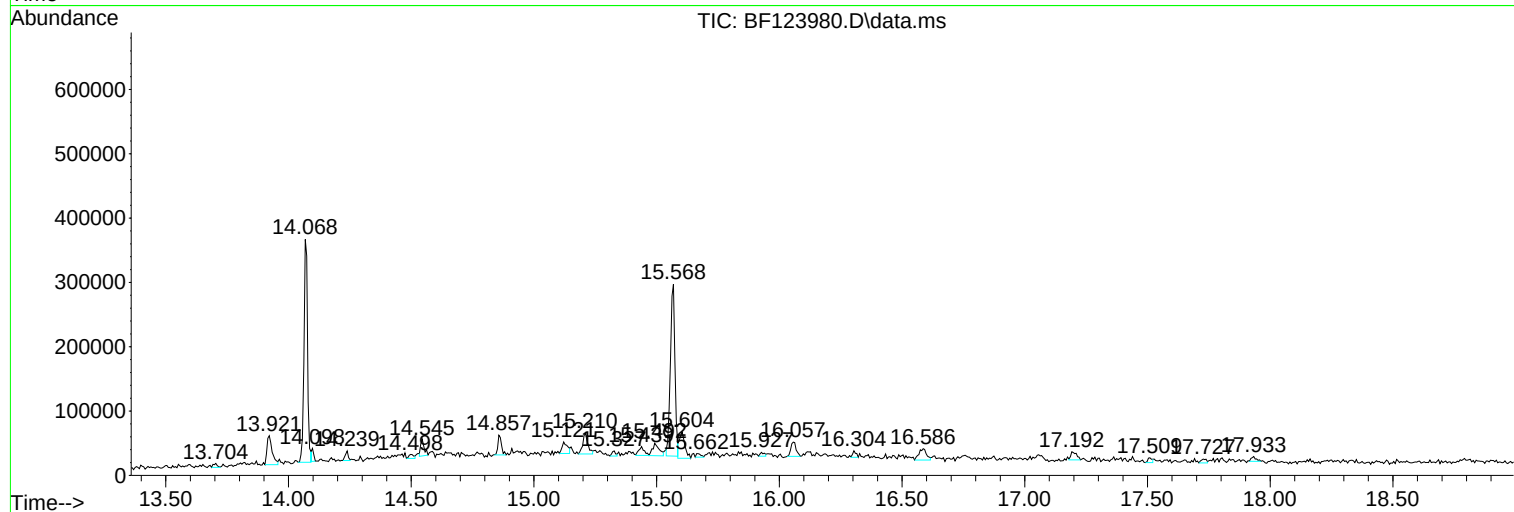
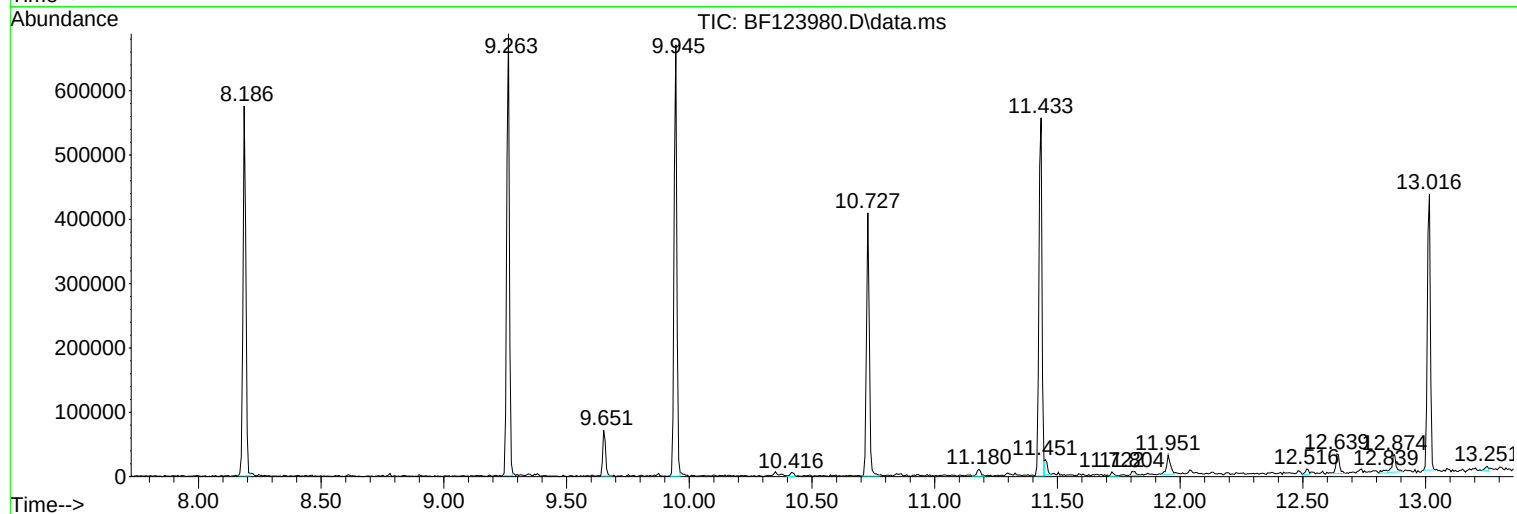
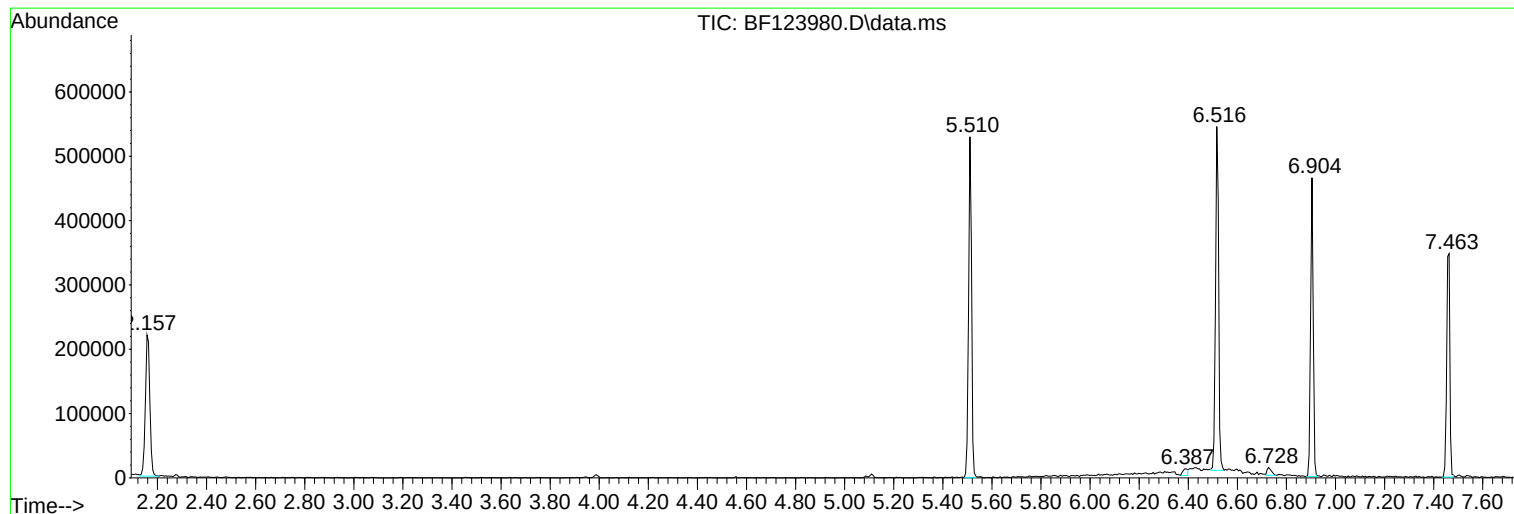
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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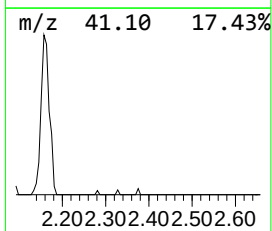
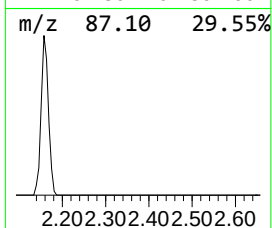
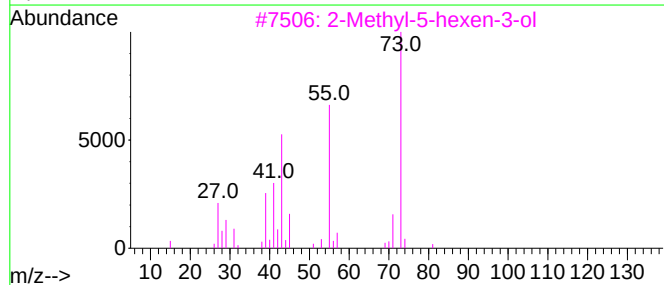
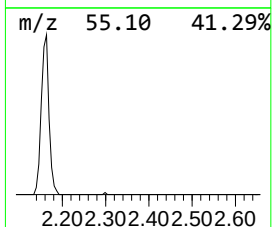
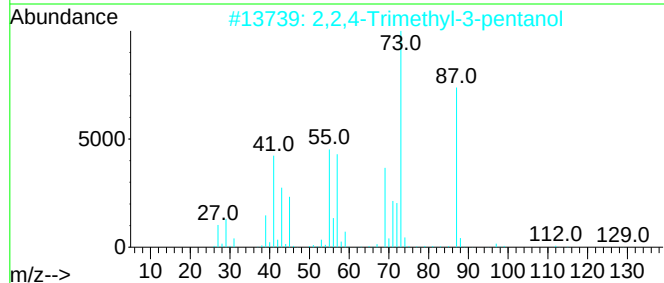
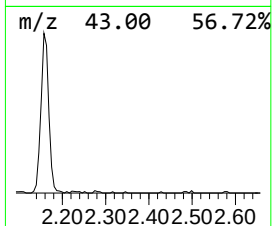
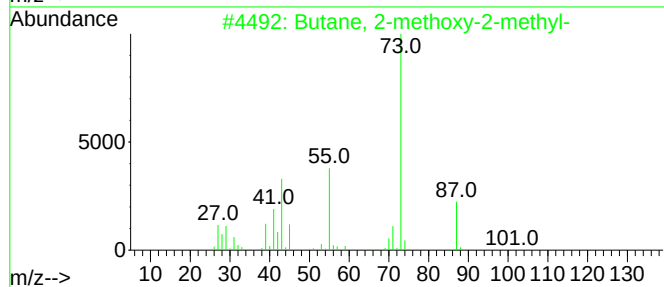
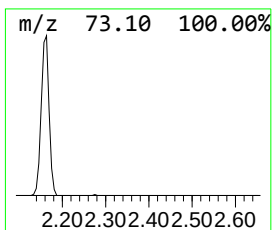
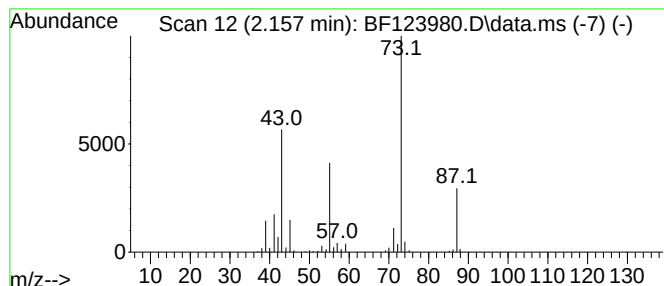
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	15.88 ng	276083	1,4-Dichlorobenzene-d4	6.904

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	39
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	23



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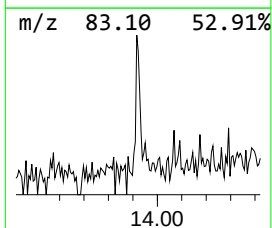
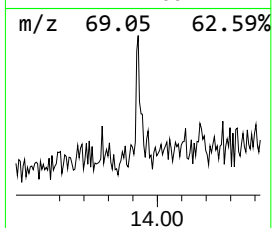
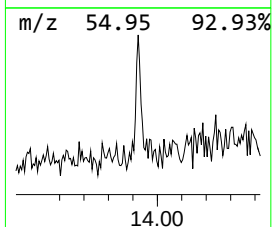
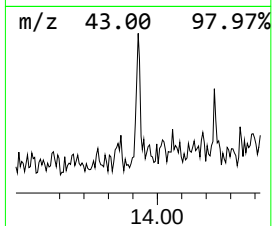
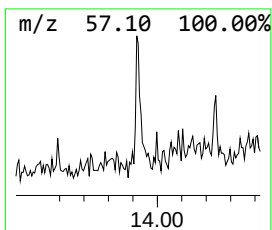
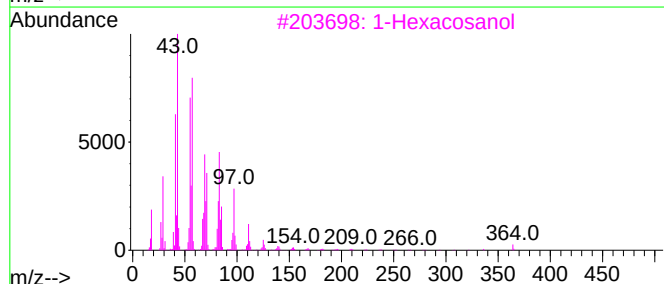
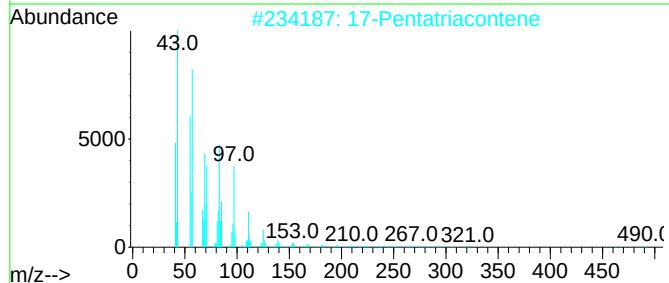
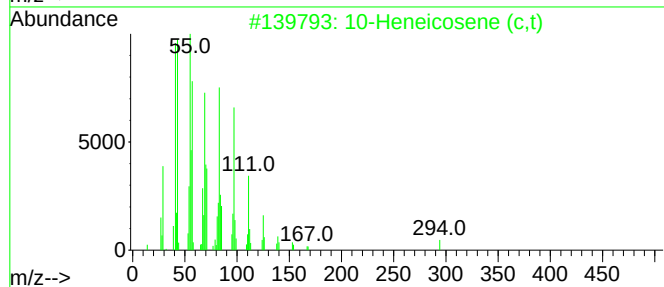
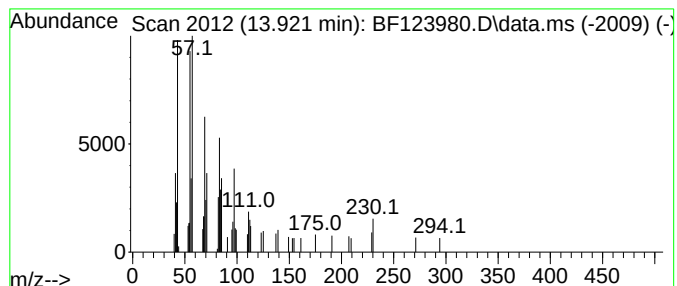
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 10-Heneicosene (c,t) Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	3.77 ng	66616	Chrysene-d12	14.068

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Heneicosene (c,t)	294	C21H42	095008-11-0	64
2			17-Pentatriacontene	491	C35H70	006971-40-0	62
3			1-Hexacosanol	382	C26H54O	000506-52-5	58
4			Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	58
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	53



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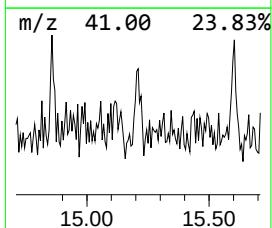
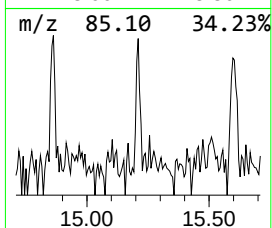
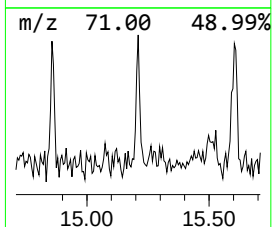
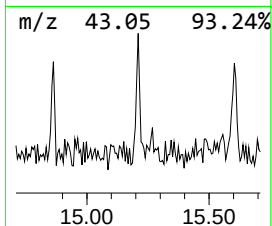
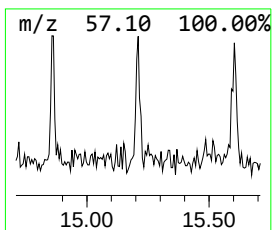
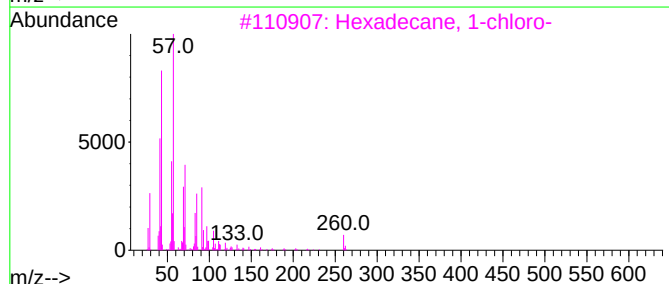
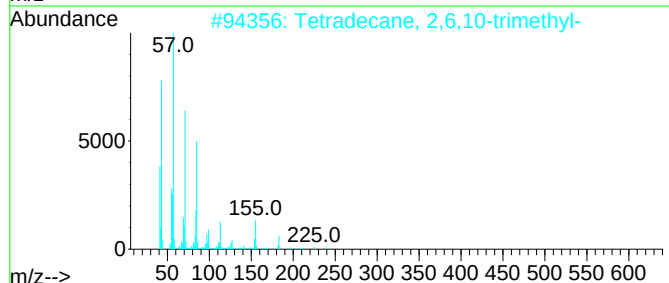
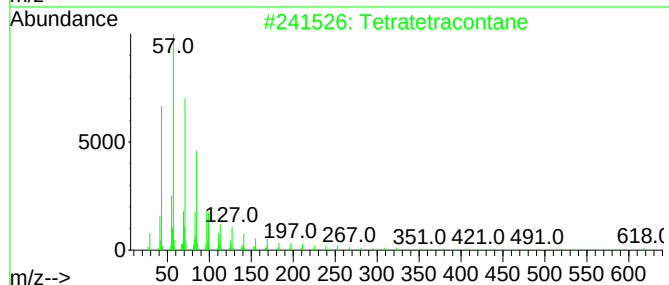
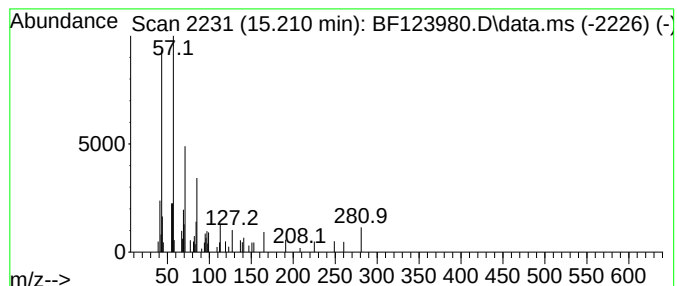
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetratetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	2.73 ng	47548	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	59
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	53
3			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	53
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
5			Hexadecane	226	C16H34	000544-76-3	53



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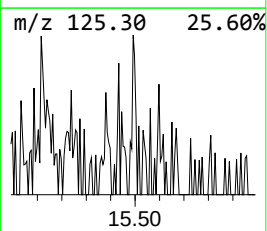
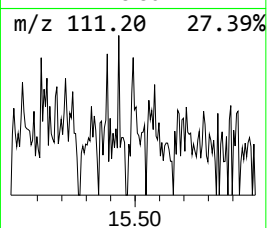
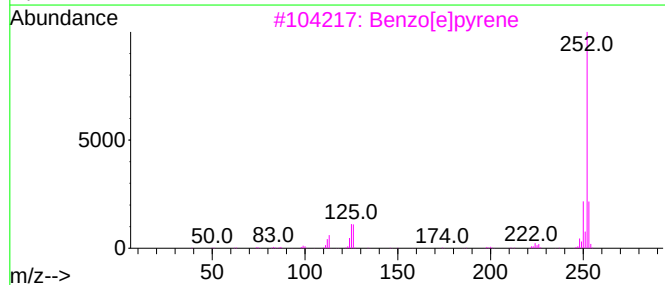
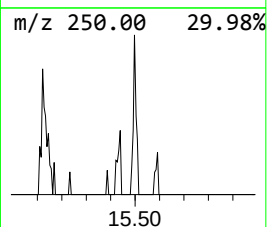
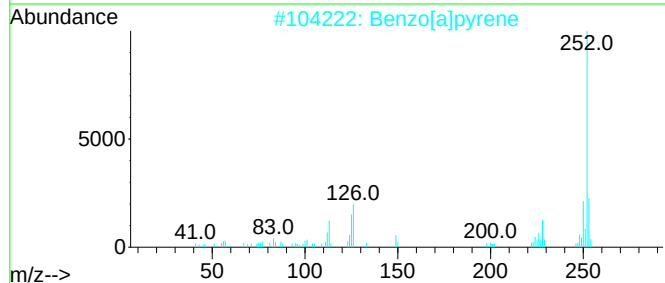
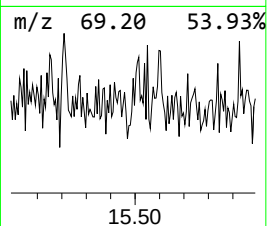
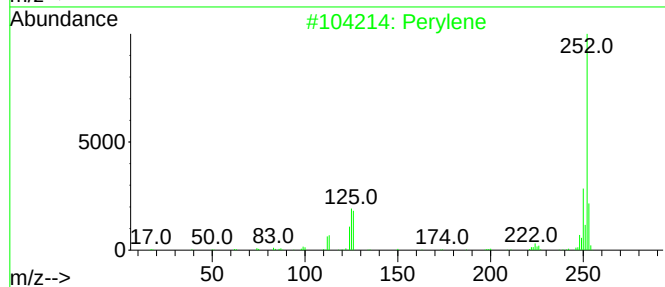
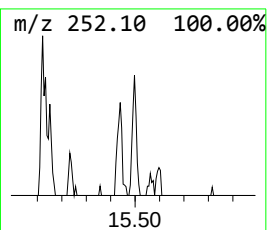
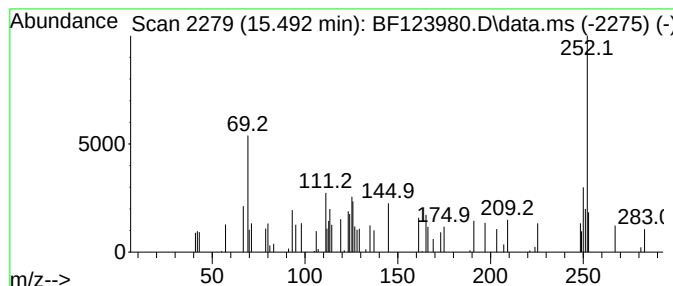
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown15.492 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.492	2.13 ng	36972	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	47
2			Benzo[a]pyrene	252	C20H12	000050-32-8	47
3			Benzo[e]pyrene	252	C20H12	000192-97-2	47
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	43
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	43



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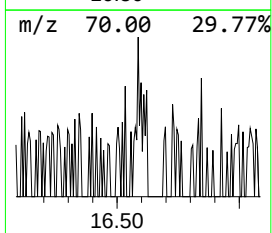
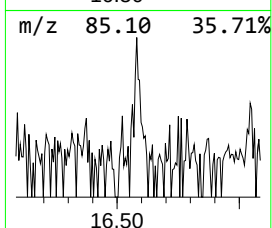
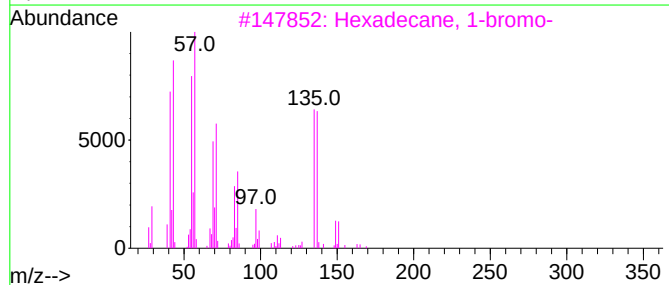
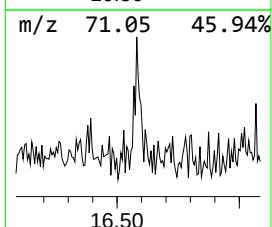
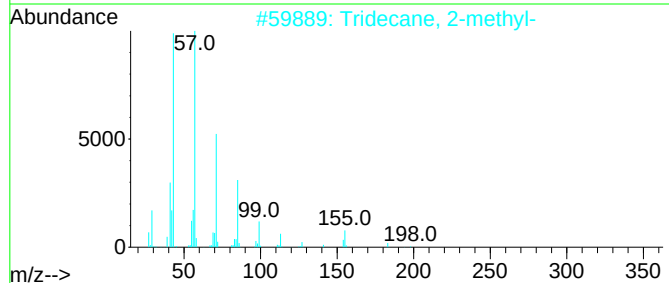
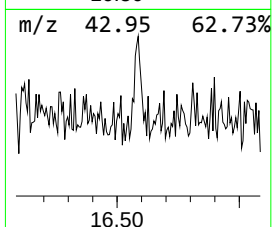
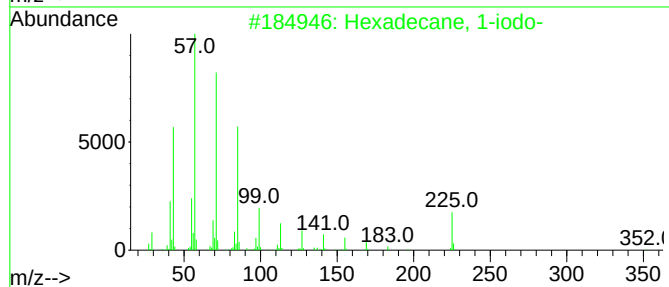
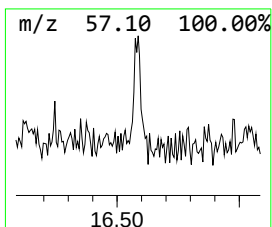
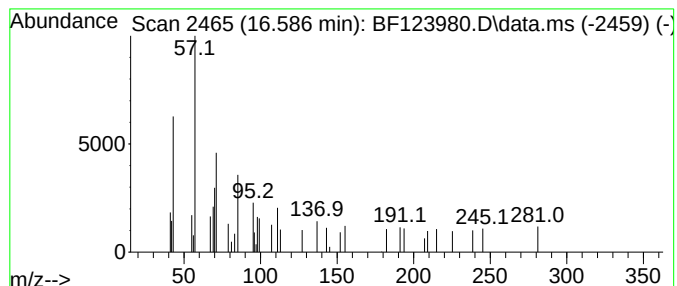
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.586	2.21 ng	38378	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	35
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	27
3			Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	27
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	27
5			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123980.D
Acq On : 18 May 2021 15:58
Operator : JU/CG
Sample : M2436-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3A

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.157	15.9	ng	276083	1	6.904	347617	20.0
10-Heneicosene ...	13.921	3.8	ng	66616	5	14.068	353399	20.0
Tetratetracontane	15.210	2.7	ng	47548	6	15.568	347933	20.0
unknown15.492	15.492	2.1	ng	36972	6	15.568	347933	20.0
Hexadecane, 1-i...	16.586	2.2	ng	38378	6	15.568	347933	20.0