LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131882.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.846	295	299	305	rVB	37024	47779	2.52%	0.279%
2	5.028	494	500	513	rVB	589803	783000	41.32%	4.567%
3	5.281	539	543	547	rBV	78304	70321	3.71%	0.410%
4	5.393	558	562	564	rBV	130519	146629	7.74%	0.855%
5	5.434	564	569	572	rVB	1885864	1742066	91.94%	10.162%
6	5.651	603	606	610	rBV	100968	86548	4.57%	0.505%
7	5.710	612	616	621	rVB	28577	24702	1.30%	0.144%
8	6.334	719	722	725	rBV	90049	73065	3.86%	0.426%
9	6.363	725	727	730	rVV	35790	31568	1.67%	0.184%
10	6.410	730	735	737	rVV	65677	55627	2.94%	0.324%
11	6.451	737	742	745	rVV	1794665	1797728	94.88%	10.487%
12	6.493	747	749	754	rVB	34814	33654	1.78%	0.196%
13	6.640	770	774	777	rBV2	156319	150718	7.95%	0.879%
14	6.816	800	804	807	rBV	562231	439206	23.18%	2.562%
15	6.869	810	813	820	rBV	40124	36092	1.90%	0.211%
16	7.087	848	850	853	rVB	25872	22601	1.19%	0.132%
17	7.134	853	858	860	rBV	41468	36826	1.94%	0.215%
18	7.351	890	895	897	rBV	40795	39585	2.09%	0.231%
19	7.387	897	901	904	rVV	1299588	1188630	62.73%	6.934%
20	7.616	937	940	944	rVB	28401	30057	1.59%	0.175%
21	7.840	976	978	981	rVB2	32514	24216	1.28%	0.141%
22	8.104	1016	1023	1026	rBV	671684	591202	31.20%	3.449%
23	8.128	1026	1027	1029	rVB	52229	24154	1.27%	0.141%
24	8.398	1064	1073	1078	rBV10	13431	31214	1.65%	0.182%
25	8.692	1120	1123	1127	rBV2	21667	23600	1.25%	0.138%
26	8.822	1142	1145	1147	rVB	41279	30544	1.61%	0.178%
27	9.187	1202	1207	1210	rBV	2361938	1894824	100.00%	11.053%
28	9.257	1216	1219	1222	rBV3	22644	25299	1.34%	0.148%
29	9.728	1296	1299	1302	rBV2	27015	29349	1.55%	0.171%
30	9.869	1314	1323	1326	rBV	688669	598862	31.61%	3.493%
31	10.416	1412	1416	1422	rVB5	19755	23219	1.23%	0.135%
32	10.586	1440	1445	1449	rVB2	28624	33118	1.75%	0.193%
33	10.657	1453	1457	1461	rBV	1207570	1106777	58.41%	6.456%
34	10.781	1474	1478	1482	rVB4	23094	30268	1.60%	0.177%
35	11.357	1573	1576	1579	rBV	615803	531856	28.07%	3.102%
36	11.380	1579	1580	1584	rVV	203872	132676	7.00%	0.774%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.433	1584	1589	1592	rVB	50317	41706	2.20%	0.243%
38	11.863	1657	1662	1664	rBV	33423	31827	1.68%	0.186%
39	11.886	1664	1666	1671	rVB	107995	95803	5.06%	0.559%
40	11.975	1678	1681	1683	rBV2	50062	55758	2.94%	0.325%
41	11.998	1683	1685	1690	rVB	29665	24493	1.29%	0.143%
42	12.157	1710	1712	1715	rVB	27921	24534	1.29%	0.143%
43	12.410	1752	1755	1758	rBV	31176	34989	1.85%	0.204%
44	12.451	1758	1762	1767	rVV4	22796	39907	2.11%	0.233%
45	12.504	1767	1771	1775	rVV3	21521	27833	1.47%	0.162%
46	12.575	1780	1783	1787	rVB	356044	296057	15.62%	1.727%
47	12.804	1816	1822	1828	rBV2	300263	349208	18.43%	2.037%
48	12.857	1828	1831	1836	rVB2	24781	31768	1.68%	0.185%
49	12.951	1843	1847	1850	rVV	1385845	1157103	61.07%	6.750%
50	13.027	1854	1860	1866	rBV2	30189	62246	3.29%	0.363%
51	13.116	1871	1875	1876	rBV3	22554	29161	1.54%	0.170%
52	13.133	1876	1878	1881	rVB	52633	46900	2.48%	0.274%
53	13.239	1892	1896	1899	rBV2	46195	51594	2.72%	0.301%
54	13.522	1940	1944	1947	rBV3	25266	33659	1.78%	0.196%
55	13.645	1962	1965	1969	rVB	30881	32116	1.69%	0.187%
56	13.757	1981	1984	1987	rBV	26148	25327	1.34%	0.148%
57	13.851	1997	2000	2008	rVB3	137823	194963	10.29%	1.137%
58	14.010	2020	2027	2030	rBV2	487922	609302	32.16%	3.554%
59	14.033	2030	2031	2037	rVB	154337	135463	7.15%	0.790%
60	14.110	2038	2044	2048	rBV	309648	375256	19.80%	2.189%
61	14.169	2051	2054	2057	rBV4	23583	29559	1.56%	0.172%
62	14.398	2090	2093	2096	rVB	46661	40768	2.15%	0.238%
63	14.433	2096	2099	2102	rBV	23788	22982	1.21%	0.134%
64	14.474	2103	2106	2108	rBV4	26350	31887	1.68%	0.186%
65	14.768	2153	2156	2163	rBV3	119001	145515	7.68%	0.849%
66	15.057	2201	2205	2208	rBV	151619	224740	11.86%	1.311%
67	15.168	2221	2224	2227	rVB	32352	32729	1.73%	0.191%
68	15.363	2253	2257	2263	rVB	90893	114865	6.06%	0.670%
69	15.427	2264	2268	2274	rVB	132135	158507	8.37%	0.925%
70	15.492	2274	2279	2282	rBV	297290	365159	19.27%	2.130%
71	16.968	2525	2530	2539	rVB3	56729	117694	6.21%	0.687%
72	17.415	2600	2606	2612	rBV2	38582	84115	4.44%	0.491%

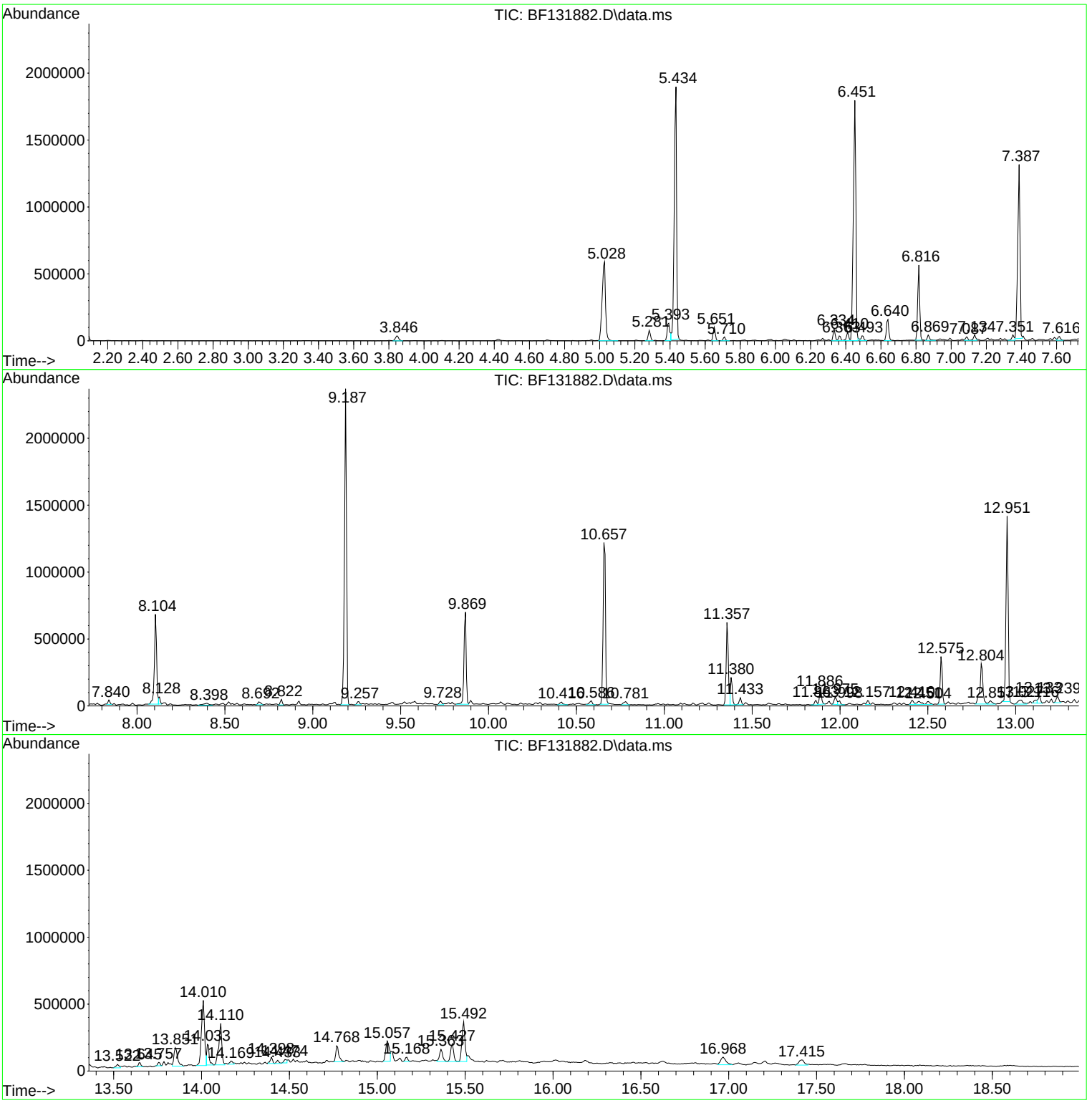
Sum of corrected areas: 17143073

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

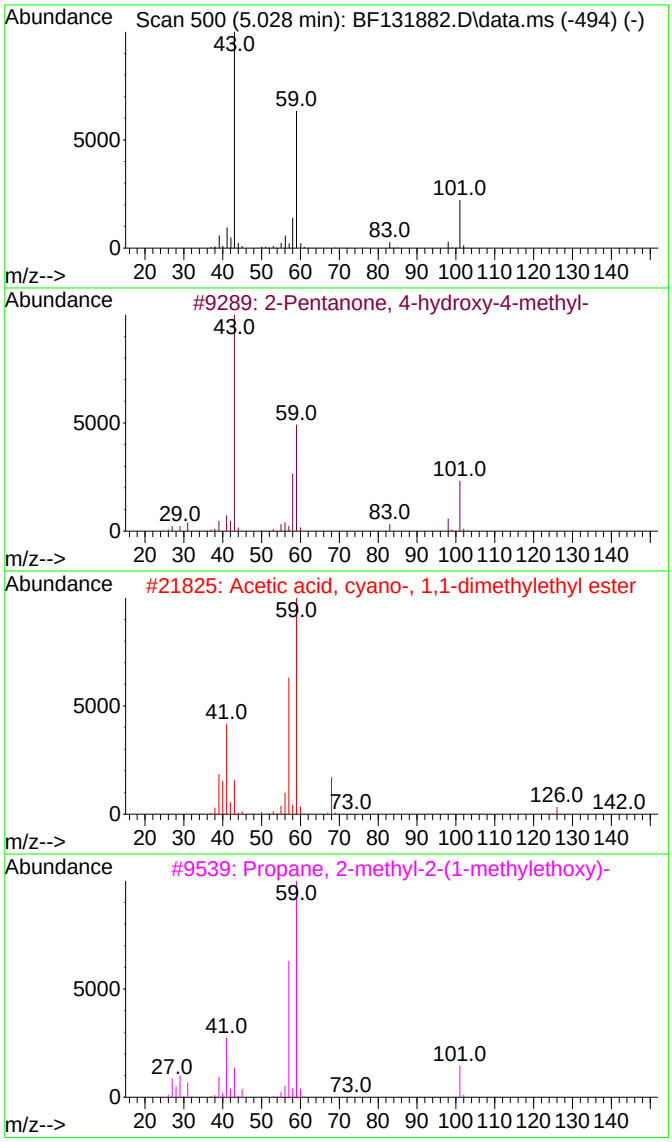
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

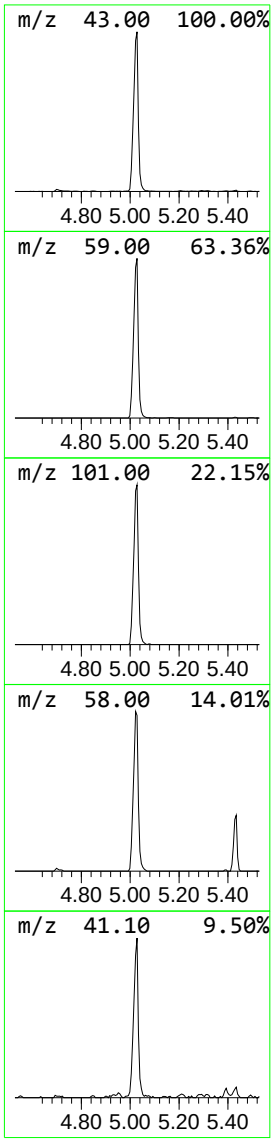
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	35.66 ng	783000	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

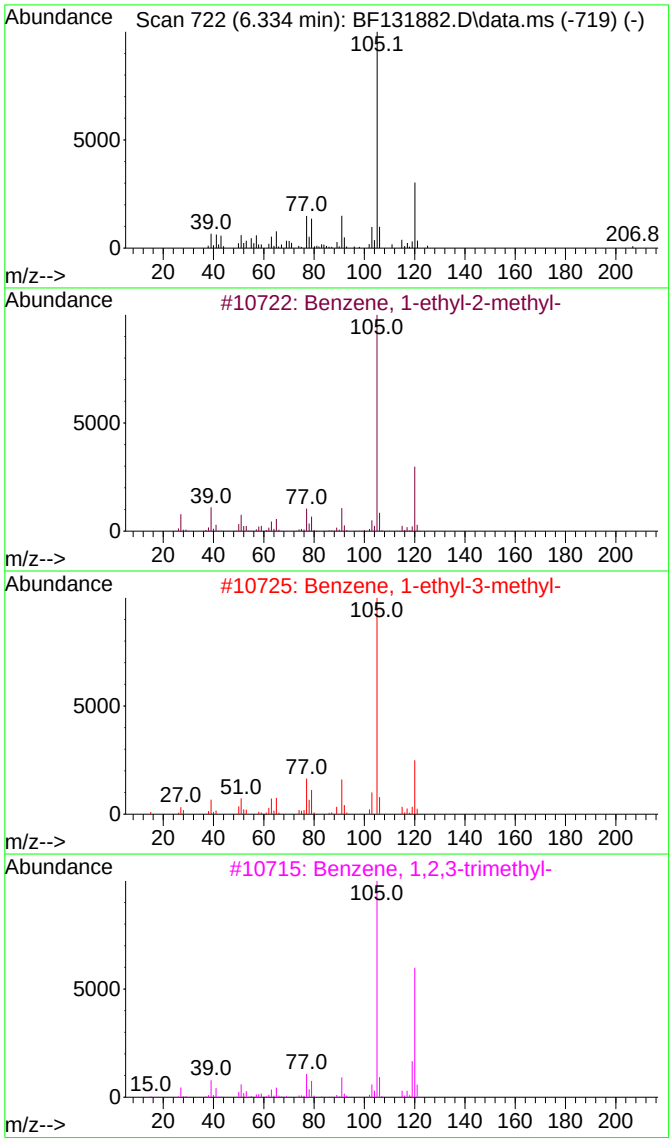
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

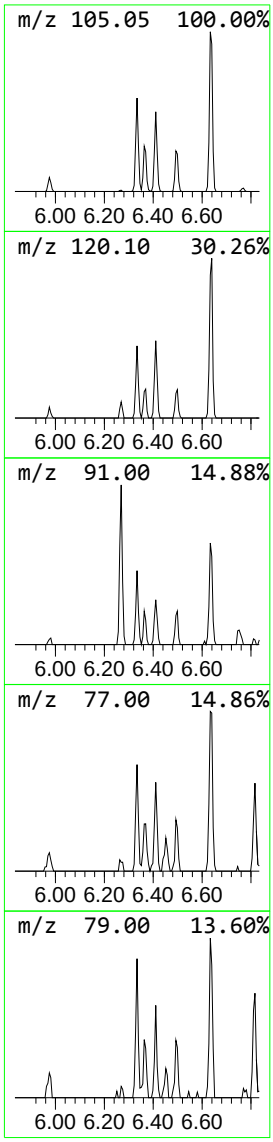
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.334	3.33 ng	73065	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

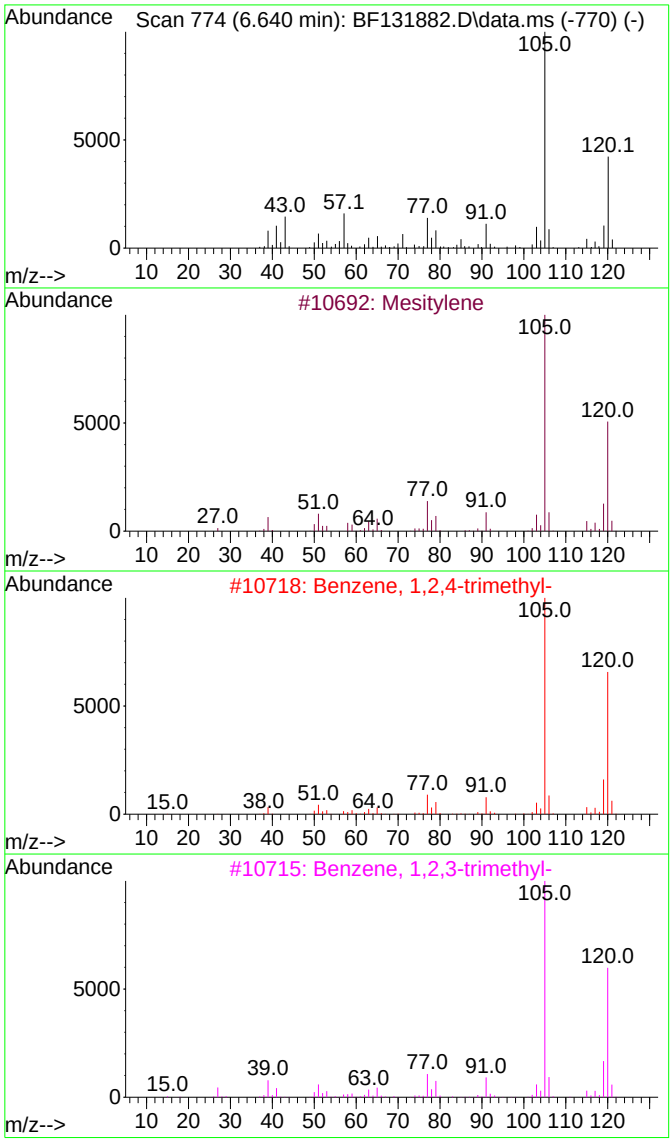
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

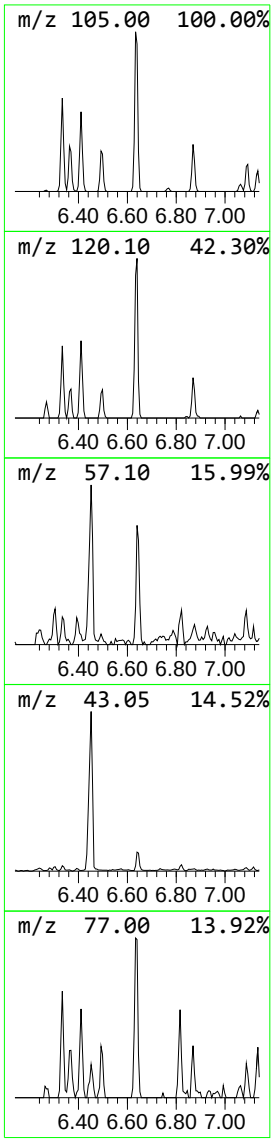
****

Peak Number 6 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.640	6.86 ng	150718	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

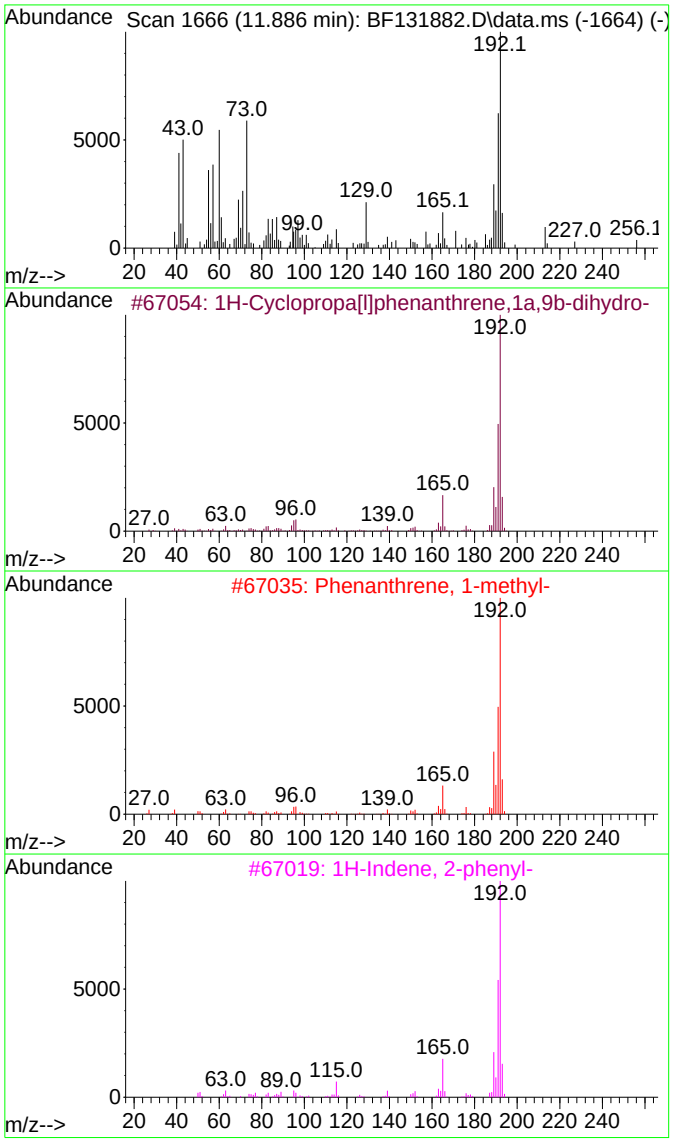
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

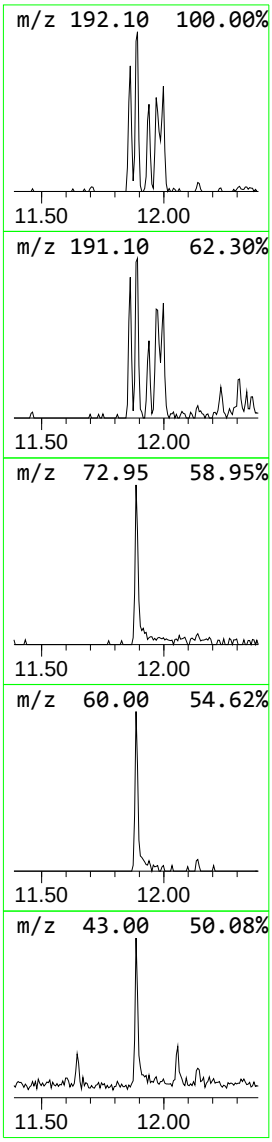
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	3.60 ng	95803	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	78
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

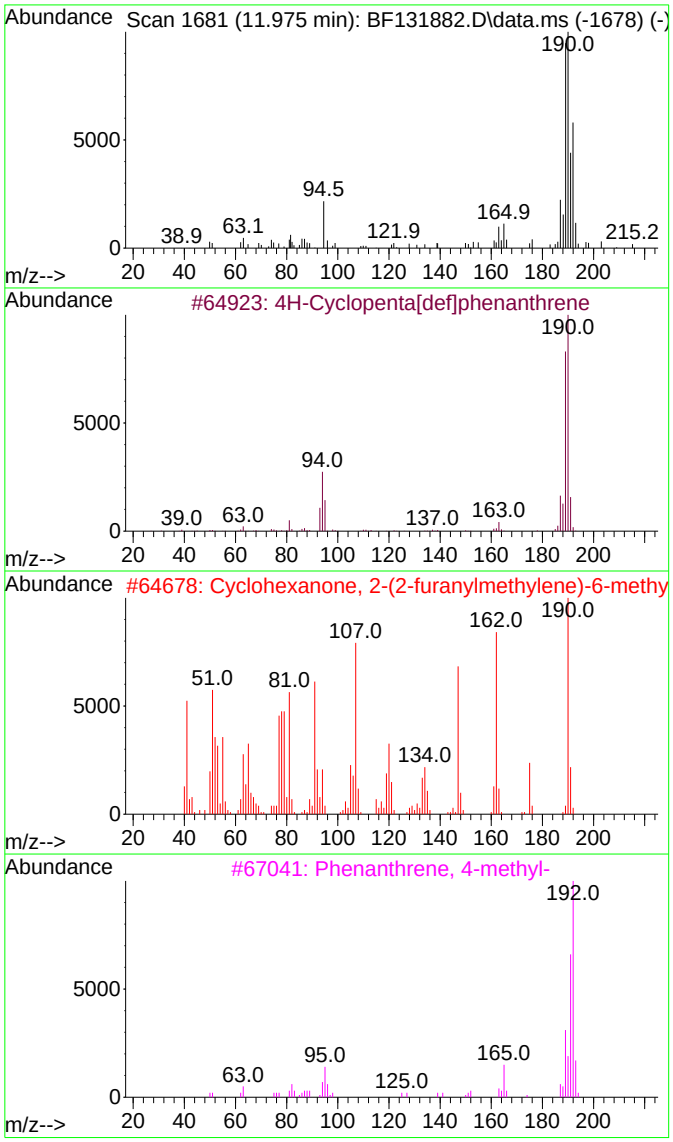
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

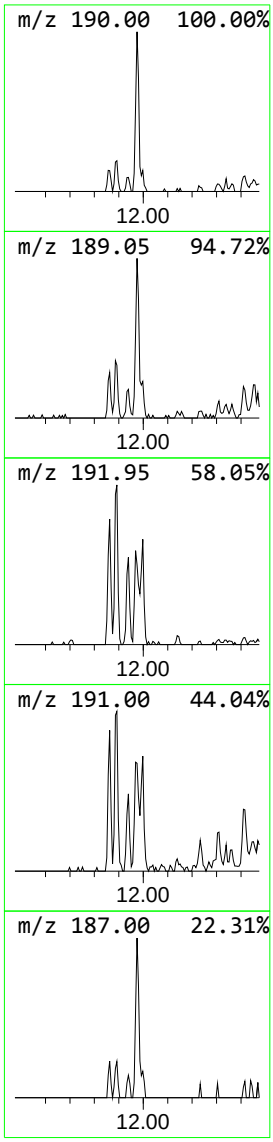
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.10 ng	55758	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

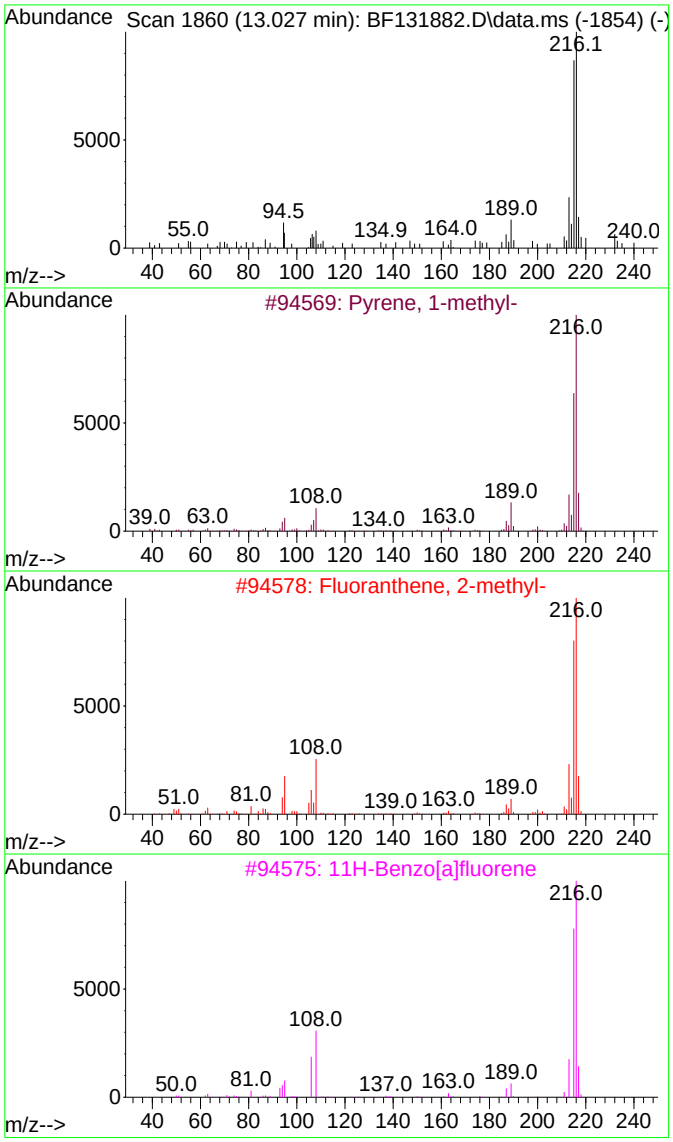
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

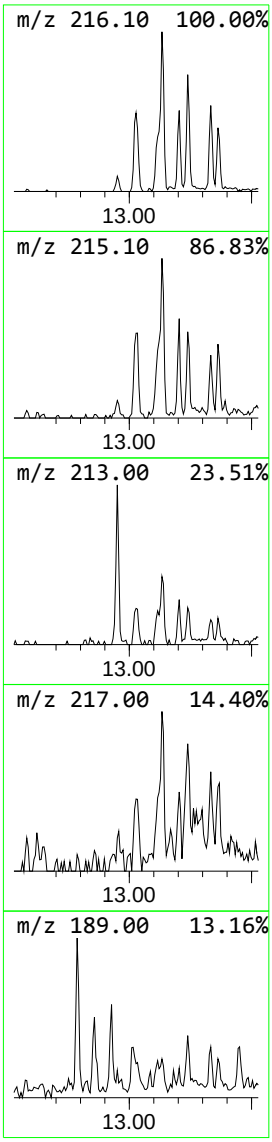
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	2.04 ng	62246	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

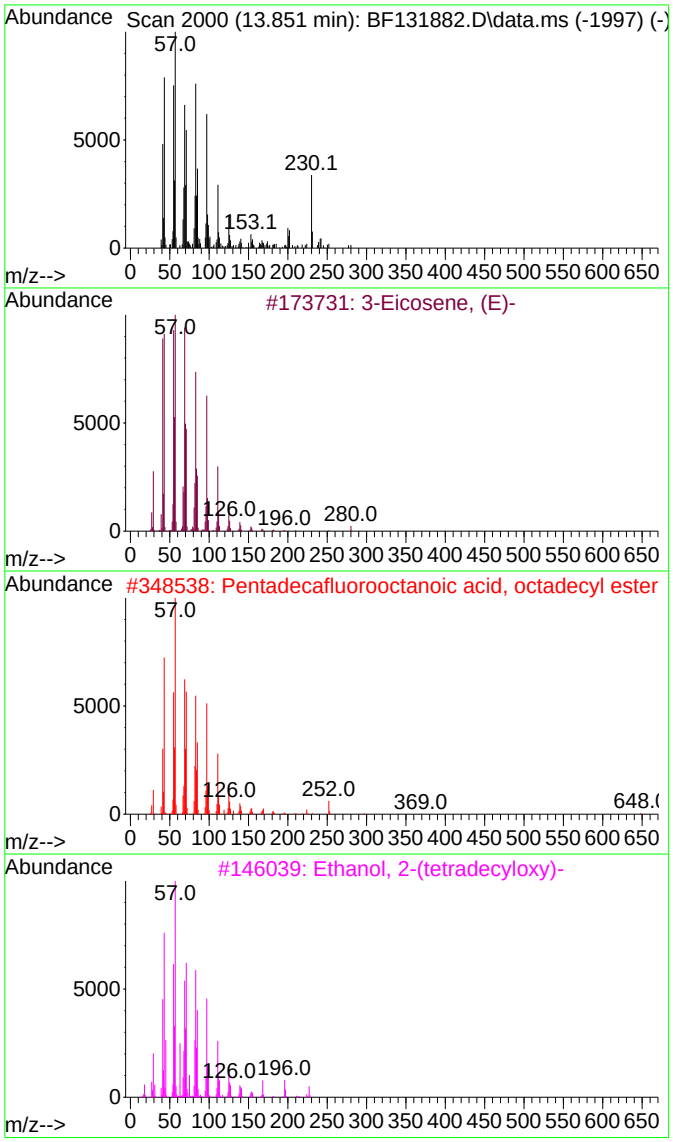
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

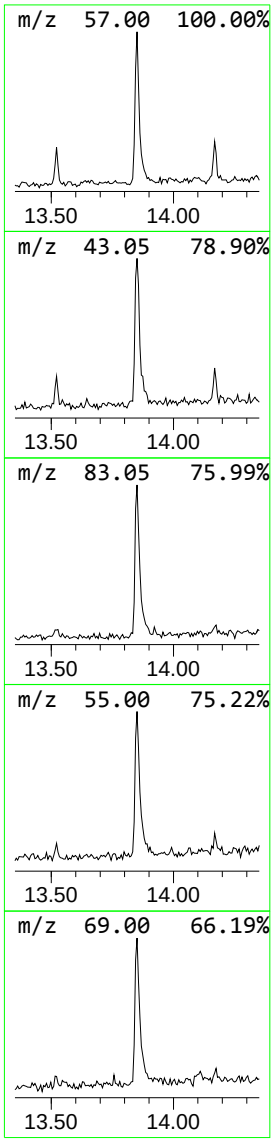
****

Peak Number 10 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	6.40 ng	194963	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	89
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4	1-Hexacosene	364	C26H52	018835-33-1	87
5	1-Octadecene	252	C18H36	000112-88-9	83





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Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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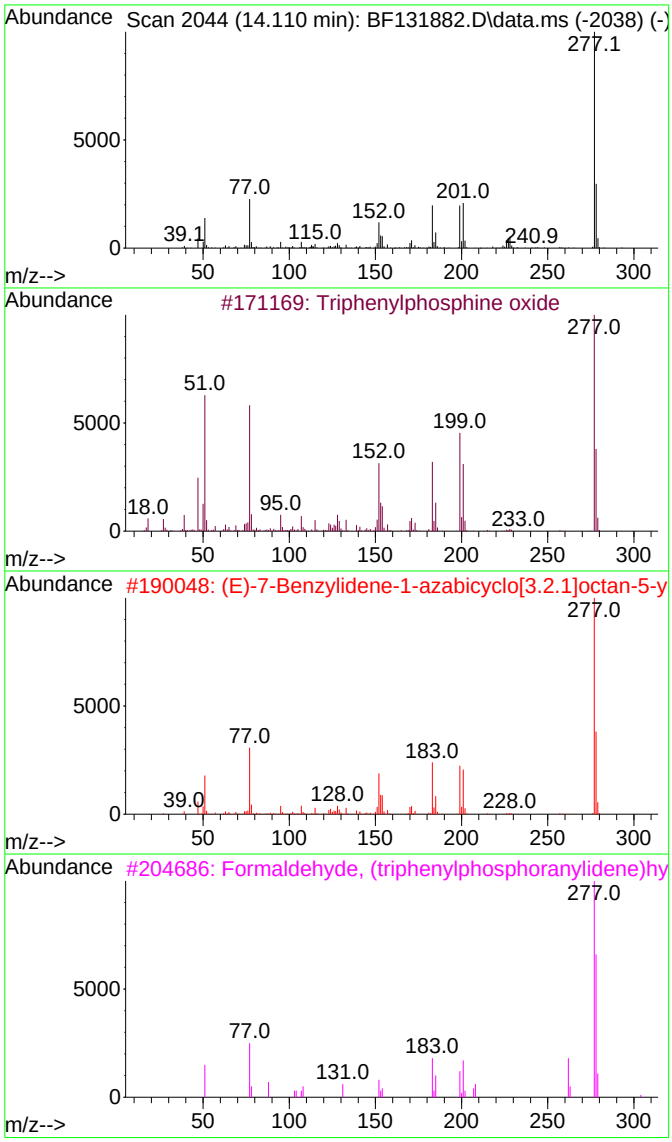
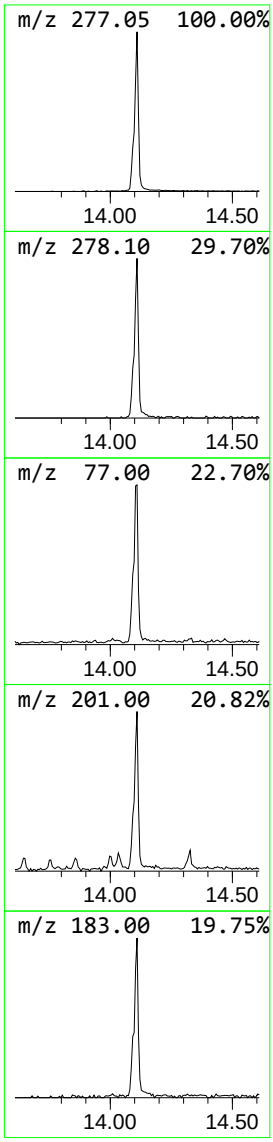
Peak Number 11 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	12.32 ng	375256	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	91
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	70
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	1H-Indole-3-acetic acid, 5-[(tri...	277	C14H19NO3Si	072101-35-0	35
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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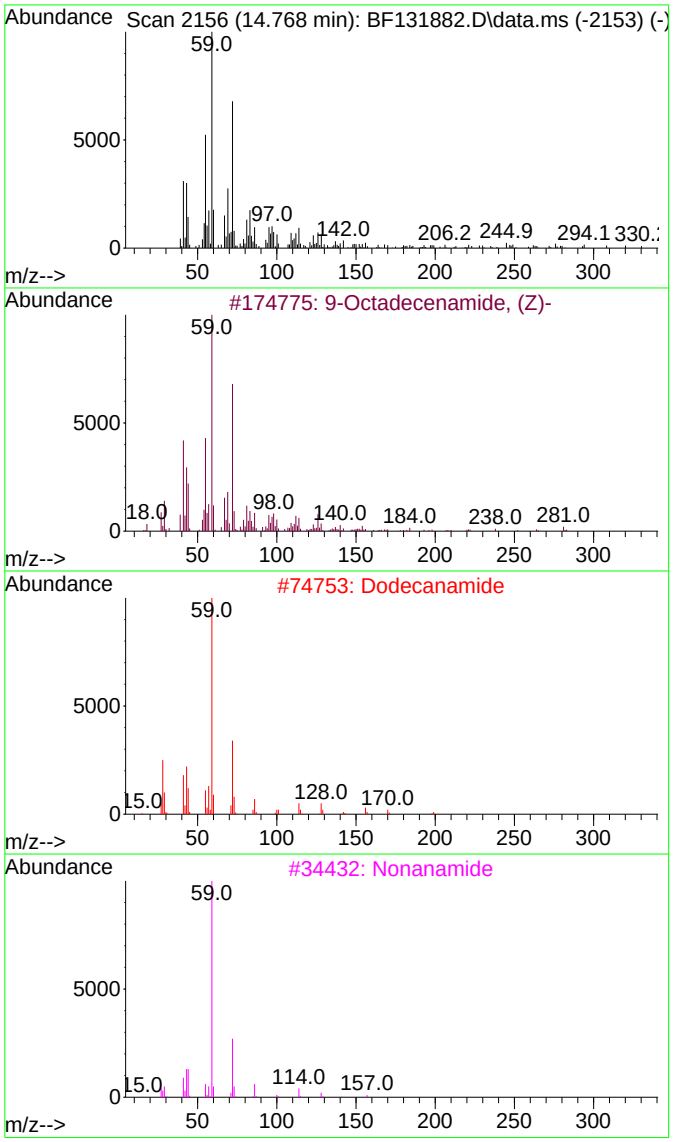
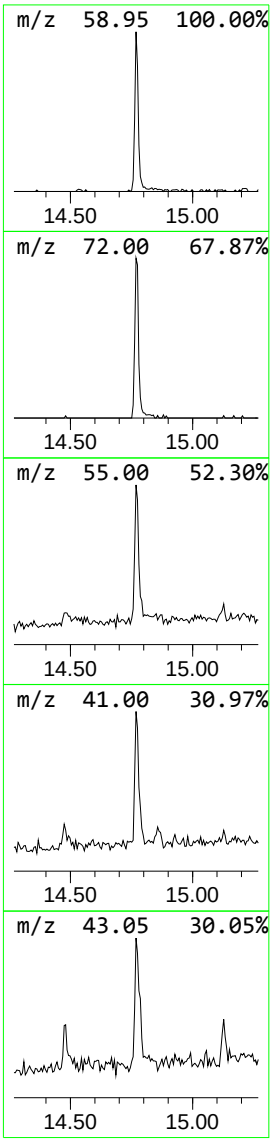
Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	7.97 ng	145515	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Dodecanamide	199	C12H25NO	001120-16-7	70
3	Nonanamide	157	C9H19NO	001120-07-6	50
4	2-Furanmethanol, 5-ethenyltetrah...	170	C10H18O2	005989-33-3	43
5	4.beta.H,5.alpha.H-Eudesman-11-ol	224	C15H28O	031756-53-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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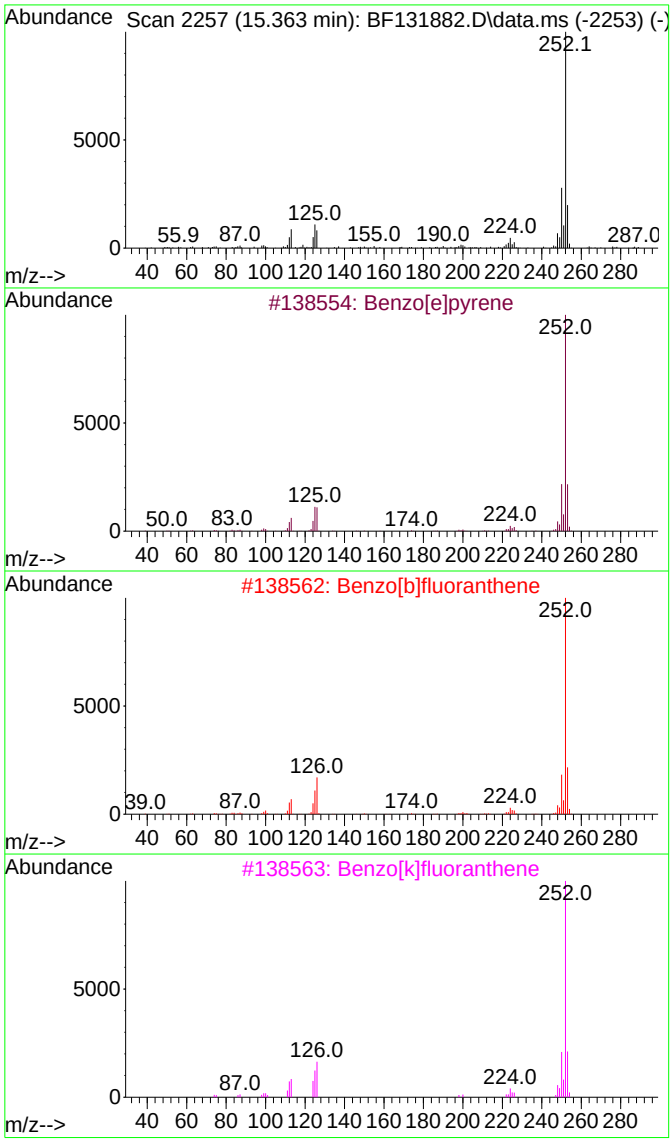
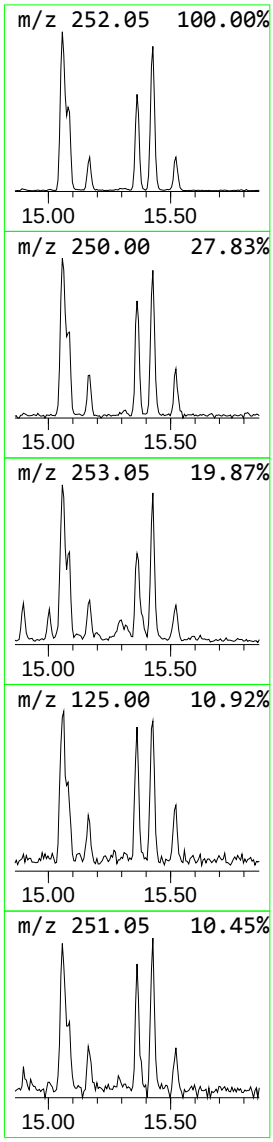
Peak Number 13 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	6.29 ng	114865	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131882.D
Acq On : 29 Dec 2022 17:20
Operator : CG\JU
Sample : N6228-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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
2-Pentanone, 4-...	5.028	35.7	ng	783000	1	6.816	439206	20.0
Benzene, 1-ethy...	6.334	3.3	ng	73065	1	6.816	439206	20.0
Mesitylene	6.640	6.9	ng	150718	1	6.816	439206	20.0
1H-Cyclopropa[l...	11.886	3.6	ng	95803	4	11.357	531856	20.0
4H-Cyclopenta[d...	11.975	2.1	ng	55758	4	11.357	531856	20.0
Pyrene, 1-methyl-	13.027	2.0	ng	62246	5	14.010	609302	20.0
3-Eicosene, (E)-	13.851	6.4	ng	194963	5	14.010	609302	20.0
Triphenylphosph...	14.110	12.3	ng	375256	5	14.010	609302	20.0
9-Octadecenamid...	14.769	8.0	ng	145515	6	15.492	365159	20.0
Benzo[e]pyrene	15.363	6.3	ng	114865	6	15.492	365159	20.0